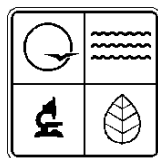


State of Missouri Toxics Release Inventory



Summary Report: 1998 Data


Report Date November 2000



Missouri Department of Natural Resources

Technical Assistance Program

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This project funded in part by the U.S. Environmental Protection Agency

STATE OF MISSOURI TOXICS RELEASE INVENTORY

SUMMARY REPORT: 1998 Data

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Roger B. Wilson

~~XXXXXXXXXX~~ Governor • Stephen M. Mahfood, Director

OFFICE OF THE DIRECTOR

P.O. Box 176 Jefferson City, MO 65102-0176

Dear Fellow Missourians:

The Missouri Department of Natural Resources (DNR) is pleased to release the *Missouri Toxics Release Inventory TRI Summary Report: 1998 Data*. This report covers the most current data available for the release and management of toxic chemicals by Missouri manufacturing and processing facilities. These are the facilities that are subject to the reporting requirements of Section 313 of the federal Emergency Planning and Community Right-to Know Act (EPCRA).

I am pleased to announce that for 1998 Missouri manufacturing companies reported a decrease of 4.7 million pounds of total on-site releases of toxic chemicals. This was an 8.3 percent decrease over the total reported in 1997. Manufacturing industries reported a total of 57,291,327 pounds of on-site releases in 1997 compared to 52,561,545 pounds in 1998.

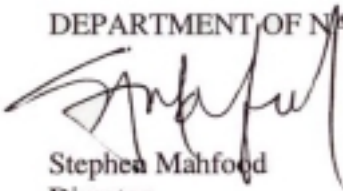
The 1998 TRI reporting year includes seven non-manufacturing industries previously not required to report. Missouri companies subject to this new reporting requirement reported releases of 79,877,558 pounds of toxic chemicals to the environment. In Missouri, two industry sectors accounted for 99.8 percent of this increase. The two subject industries were the metal mining and electric utilities sectors. Note that these are not new releases but releases that are being reported for the first time to the TRI. Further discussions and details about these new industries are addressed in this TRI report.

The TRI report is published to better inform Missouri citizens about the environment in their community. To that end, DNR intends to continually improve the format and readability of the report for the public. We encourage the public to read the report carefully and to understand both the uses and the limitations of the TRI information. The TRI report contains information regarding the release and management of toxic chemicals but not the public's exposure to those chemicals or the risks associated with them. For further information about the TRI report, please contact Gene Nickel at the Department of Natural Resources' Technical Assistance Program at (573) 526-6627 or 1-800-361-4827.

Thank you for your interest in this TRI report.

Sincerely,

DEPARTMENT OF NATURAL RESOURCES


Stephen Mahfood
Director

SM:gnj



RECYCLED PAPER

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Explanation of Terms

Energy Recovery - Recovery of useful energy from waste mainly through combustion of chemical waste.

Facility - Defined for the purposes of TRI reporting as all buildings, equipment, structures and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (entity).

Fugitive (Non-Point) Air Releases - Emissions to the air that are not conveyed through stacks, vents, ducts, pipes or other confined air streams. Examples include equipment leaks from valves, pump seals, flanges, compressors, sampling connections, open-ended lines and evaporative losses from surface impoundments and spills.

Manufacture - To produce, prepare, import or compound a toxic chemical.

Off-site Locations - Locations outside the boundaries of a facility to which wastes are transported for treatment, energy recovery, recycling or disposal.

Otherwise Use - Any use of a toxic chemical at a facility which is not covered by the definitions of manufacture or process. This includes any activities in which a listed toxic chemical does not become intentionally incorporated into the final product for distribution in commerce. Examples of otherwise use include degreasers, solvents in paints that are applied to a product, chemicals used in water treatment and refrigerants or coolants.

Publicly Owned Treatment Works (POTW) - A wastewater treatment facility which is owned by a unit of the government.

Process - Refers to the preparation of a listed toxic chemical after its manufacture for distribution in commerce. Processing is usually the intentional incorporation of a toxic chemical into a product. It includes making mixtures, repackaging and using a toxic chemical as a feedstock, raw material or starting material for making another chemical.

Recycle - The process of capturing a useful product from a waste stream. Solvent recovery, metals recovery and acid regeneration are examples of recycling.

Releases - Refers to on-site discharges of TRI chemicals to the air, water, land and disposal in underground injection wells (none in Missouri). They include permitted, accidental and non-permitted discharges.

Releases to Air - See Fugitive (Non-Point) Air Releases and Stack (Point Source) Air Releases.

Releases to Land - Refers to land filling, surface impoundment, land treatment/application/farming or any other release of a toxic chemical to land within the boundaries of a facility.

Releases to Water - Refers to discharging of chemicals to surface waters such as rivers, lakes, ponds and streams.

Source Reduction/Pollution Prevention - Activities that reduce the quantity or toxicity of wastes generated. Improved operation and maintenance, process and equipment modification, conservation practices, material substitution, product modification and in process recycling are examples of pollution prevention.

Stack (Point Source) Air Releases - Emissions to the air that are conveyed through stacks, vents, ducts, pipes or other confined air streams. Examples include storage tank emissions and emissions from air pollution control equipment.

Standard Industrial Classification (SIC) Code - A four digit number code designated by the Federal Office of Management and Budget to describe the type of activity(s) at a facility. The first two numbers of the code define a major business sector and the last two numbers define a facility's specialty within the major sector.

Toxic - A substance that produces or causes a systemic damage to an organism.

Transfers - Refers to TRI chemicals sent off-site for energy recovery, recycling, treatment or disposal. They are reported as transfers to either Publicly Owned Treatment Works (POTWs) or other off-site transfers (non-POTWs) such as incinerators, landfills, other treatment, recycling, energy recovery or disposal facilities not part of the reporting facility.

INTRODUCTION

What is the Toxics Release Inventory?

The Toxics Release Inventory, or TRI, is a national database maintained by the U.S. Environmental Protection Agency (EPA) that contains information about the releases of toxic chemicals by manufacturing industries. In 1998, seven new non-manufacturing industries were required to start reporting their releases to the TRI.

The TRI was established under the federal Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. The purpose of the TRI is to provide local communities information about routine releases of certain toxic chemicals to the air, land and water in their communities so that they can be informed and take action where necessary. In 1998 the list of reportable chemicals included 576 individual chemicals and 28 chemical categories. The TRI is also referred to as Title III, Section 313 of the Superfund Amendments and Re-Authorization Act (SARA Title III).

Facilities report TRI information to the EPA and to the state in which the facility is located. The TRI reports are due each July 1 for the prior reporting year. A reporting year is January 1 through December 31.

Reporting Requirements

A facility is required to submit a report for a listed toxic chemical if the facility meets all three of the following criteria:

1. Employs the equivalent of 10 or more full time employees;
2. Is a covered industry, based on SIC code, or is a federal facility; and,
3. Manufactures or processes more than 25,000 pounds, or otherwise uses more than 10,000 pounds of the listed toxic

chemical during the course of the calendar year.

Facilities that meet these criteria must submit one report, known as a Form R, for each toxic chemical manufactured, processed or otherwise used above the thresholds. The original Form R report is submitted to EPA and a copy is sent to the state. As stated above, these reports are due July 1 of the year following the reporting year. The Form R report contains information about the quantity of releases of each chemical to the air, land or water plus off-site transfers. (A copy of a Form R is provided in Appendix A.) It is important to note that a facility may need to report even if it has no releases, because reporting is based on the amount manufactured, processed or otherwise used and not released.

Table 1 provides a list of covered industries along with the corresponding two or four digit Standard Industrial Classification (SIC) codes. SIC codes are used to identify the type of activities performed at a facility. All industries in Table 1, except manufacturing and federal facilities, were added to the TRI beginning with the 1998 reporting year. (A more complete list of SIC codes that report under the TRI is provided in Appendix B.) It is important to note that many of these new industry sectors have been regulated under air pollution and hazardous waste regulations for many years. The addition of these industries, as will be seen, greatly impact the reported releases in Missouri. However, it should be remembered that these are not new releases but only newly reported releases. Caution will need to be exercised when interpreting this new data when compared to prior years.

Table 1
Covered Industries ⁽¹⁾

SIC Code	Industry Description
10xx	Metal Mining ⁽²⁾
12xx	Coal Mining ⁽²⁾
20xx-39xx	Manufacturing
4911 4931 4939	Oil and Coal Fired Electric Utilities
4953	Hazardous Waste Treatment Facilities (RCRA Subtitle C)
5169	Wholesale Chemical Distributors
5171	Petroleum Bulk Terminals
7389	Solvent Recovery Services
9711 ⁽³⁾	Federal Facilities

⁽¹⁾ Prior to 1998, only manufacturing and federal facilities were covered under TRI

⁽²⁾ Certain qualifiers apply

⁽³⁾ Multiple SICs may apply to federal facilities

The standard Form R report contains general facility information and detailed data about on-site releases, off-site transfers and on-site waste management activities. In lieu of a Form R, a short form (Form A) may be used if the facility meets certain criteria. After determining the need to report, a facility may use a Form A for a given chemical if

1. The sum of the annual releases, transfers and wastes managed on-site does not exceed 500 pounds; and,
2. The total annual amount of the chemical manufactured, processed or otherwise used does not exceed 1,000,000 pounds.

The Form A is a two page report that has the same general facility information and identification of the listed chemical but it does not provide any release, transfer or

waste management data. In 1998, a total of 408 Form A's were submitted out of 2229 reports.

Uses of the TRI

The Toxics Release Inventory can be used in a variety of ways. One of Congress' main purposes in enacting EPCRA was to provide citizens with information they can use to target potential health risks in their communities. This has been a common use of TRI. Public interest and environmental groups, news media, community organizations, educators, researchers, industry, students and private citizens have all made use of the TRI.

Because the TRI covers all media (i.e. air, land and water), federal, state and local governments can use the data to compare facilities or geographic areas, to evaluate existing environmental programs, or to target technical assistance efforts.

Facilities themselves can use the data to identify problem areas, establish reduction targets, reduce costs associated with the purchase and disposal of toxic chemicals, and monitor progress towards pollution prevention goals.

Limitations of the TRI Data

The user of TRI data should be aware of its limitations in order to accurately interpret its significance. One factor to be considered is that the TRI represents a relatively small fraction of the businesses in Missouri. This is due to the reporting criteria listed previously. There are numerous other sources not covered under the TRI that release toxic chemicals. These sources include small businesses, motor vehicles and agricultural operations. For some chemicals, the use of consumer products can be a significant source.

Furthermore, facilities are required to base TRI data on measurements and monitoring data when these are available. If these are not available, amounts may be estimated based on published emission factors, mass balance calculations, or good engineering judgement. The methods of estimating or calculating data used by different facilities, or even the same facility, over time may vary. Thus, the accuracy of the reported quantities may vary as well.

Another important factor is that the TRI does not provide an indication of potential exposure to the reported releases. Therefore, it cannot be used by itself to determine the impact on public health. This is especially true in Missouri where many of the top releases are reported as land releases by our mining industries. An equivalent release to the air may be considered much more detrimental. Furthermore, the chemical's release rate, toxicity and environmental fate, as well as the local weather conditions and proximity of nearby communities to the release, must all be considered when assessing exposures. Despite these limitations, the TRI can serve as a screening tool to identify areas of concern that may warrant further investigation.

Risk Screening Software

In an effort to provide additional meaning to the TRI data, EPA has introduced the Risk-Screening Environmental Indicators computer program. This software is available on CD-ROM and on the Internet at www.epa.gov/opptintr/env_ind/index.html. The current version of the program allows users to develop a chronic human health indicator that is based on a chemical's reported TRI release amount, its toxicity and relevant population data. The results offer the user a screening-level, risk-related perspective for relative comparisons of

chemical releases. EPA plans to also develop an acute human health indicator as well as acute and chronic ecological indicators.

Source Reduction

In 1990, Congress passed a law known as the Pollution Prevention Act (PPA). The purpose of this law was to prevent pollution through reduced generation or elimination of waste at the point of origin, also known as source reduction. Prior to this time, most environmental laws dealt with regulating hazardous wastes after they were generated. The PPA established a national policy that the best way to manage pollution was through source reduction. Source reduction, in part, was defined as any activity that reduced the generation of wastes prior to it entering a waste stream. Some states further defined source reduction as the reduced use of toxic chemicals. Use reduction is part of the PPA definition, but these states mandated use reduction as part of their regulation. This is not the case in Missouri.

The PPA did establish a hierarchy of preferred waste management options with source reduction being first, reuse or recycle being second, treatment being third, and disposal being last. Through the Toxics Release Inventory, the PPA now required facilities to report how they managed wastes both on and off-site. Several sections were added to the Form R to allow for these reporting requirements. Companies were also required to report projected values for two future years, plus report what methods they were using to reduce the generation of wastes. All of this information is summarized in Section 8 of the Form R. Companies first started reporting this information in 1991. More details about source reduction will be provided in the section entitled "Source Reduction in Missouri," later in this report.

RECENT DEVELOPMENTS IN THE TRI

The TRI reporting requirements change as EPA seeks to improve the program through changes to the list of reportable chemicals and through program expansions.

Industry Expansion

On May 1, 1997, EPA added seven industries to the list of covered facilities required to report under TRI. These industries were required to start reporting for the 1998 reporting year. Prior to 1998, only manufacturers with SIC codes 20 – 39, and federal facilities were required to report (see Table 1 on page 2). EPA included these seven new industries because facilities within these industry sectors manufacture, process or otherwise use substantial quantities of TRI chemicals and engage in activities similar to those conducted by manufacturing facilities.

This seven industry expansion increased the total amount of reported releases in Missouri by 79.9 million pounds in 1998, more than doubling the amount reported in past years. In Missouri, two industry sectors accounted for 99.8 percent of the increase: the metal mining sector at 47.3 million pounds and the electric utilities sector at 32.4 million pounds. (More details will be discussed about these industries later in this report.) This increase does not necessarily represent an increase in toxic releases in Missouri. These releases are merely being reported for the first time under the TRI. Caution, therefore, should be exercised when interpreting this new data when compared to prior years.

Chemical List Changes

EPA periodically changes the list of reportable chemicals by adding, deleting or

qualifying chemicals, as new information about these chemicals becomes available. No chemical changes were added to the TRI list for 1998. The number of reportable chemicals, however, was significantly increased for the 1995 reporting year and beyond. This increase included over 200 chemicals and six chemical categories. A chemical category under TRI may include a discreet list of chemicals or may represent any chemical that possesses the category's characteristics.

In response to the increased reporting burden resulting from the 1995 chemical expansion, EPA initiated the use of the Form A previously described.

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

In an Oct. 29, 1999 ruling, EPA established substantially lower reporting thresholds for 15 chemicals and three chemical categories that are highly persistent, bioaccumulate in the environment, and are toxic. These are called PBT chemicals. A list of these chemicals and their reporting thresholds are listed in Table 2. EPA believes that the current reporting thresholds of 25,000 and 10,000 pounds exclude important information on these PBT chemicals. Therefore, the thresholds were lowered to those shown. Not all of the chemicals listed in Table 2 are currently reportable under TRI. Under this ruling, EPA will be adding four chemicals, one chemical category, and two chemicals to an existing category.

PBT chemicals are of particular concern not only because they are toxic but also because they remain in the environment for long periods of time, are not readily destroyed,

and build up or accumulate in body tissues. Their reporting threshold will be the same regardless of whether they are manufactured, processed, or otherwise used.

Table 2
PBT Chemicals and Thresholds

Chemical	Threshold*
Aldrin	100
Benzo (g,h,i) perylene ⁽¹⁾	10
Chlordane	10
Dioxin Compounds ⁽¹⁾	0.1 grams
Heptachlor	10
Hexachlorobenzene	10
Isodrin	10
Mercury	10
Mercury Compounds	10
Methoxochlor	100
Octachlorosytrene ⁽¹⁾	10
Pendimethalin	100
Pentachlorobenzene ⁽¹⁾	10
Polycyclic Aromatic Compounds	100
Polychlorinated biphenyls (PBCs) ⁽²⁾	10
Tetrabromobisphenol A ⁽¹⁾	100
Toxaphene	10
Trifluralin	100

* Pounds per year unless otherwise noted

(1) Newly added to the TRI List

(2) Two new chemicals will be added to this category, 3-methylcholanthrene and Benzo (j, k) fluorine

Certain reporting exemptions, such as the de minimis exemption, will not apply to PBT chemicals, and facilities will not be able to use range codes or the Form A for PBT chemicals. Range codes allow facilities to provide a letter code for releases ranging from 0 to 1000 lbs.

Reporting for PBT chemicals will begin with the 2000 reporting year. The reports will be due July 1, 2001. EPA is additionally seeking to lower the reporting thresholds for lead and lead compounds under a separate ruling.

1998 TRI DATA SUMMARY

The statewide totals for the 1998 TRI data are summarized in Table 3. This table shows all of the on-site releases, off-site transfers, and on-site waste management for 1998.

Releases by Media

A total of 624 facilities reported releasing a total of 132,434,103 pounds of TRI chemicals to the environment. Releases to the air, land and water totaled 43,472,677 pounds (33 percent), 86,273,320 pounds (65 percent) and 2,688,106 pounds (2 percent), respectively. These releases by media are illustrated graphically in Figure 1. However, if the manufacturing industries are looked at by themselves, excluding the new, non-manufacturing industries these ratios change significantly. This is illustrated in Figure 2.

Table 3 also breaks out the data into “Manufacturing” and “New Industries”. As can be seen, the addition of the seven new industries has had a major impact on the on-site releases reported. Of the total of 624 facilities that reported, 561 were manufacturers and only 63, or 10 percent, were from the new industry sectors. However, these new industries account for more than 60 percent of the total on-site releases, or 79,872,558 pounds. Figure 3 shows the releases by media broken out by sector group. The electric utilities and metal mining sectors account for the overwhelming majority of the reported releases by the new industry sectors (more details about these two sectors will be provided later in this report).

Table 3
1998 TRI Data Summary
(In pounds)

	1998 Man- ufacturing	1998 New Industries	1998 Totals
No. of Facilities	561	63	624
No. of Form Rs	1517	303	1820
No. of Form As	327	81	408
No. of Chemicals (1)	195	60	195
On-site Releases			
Air	30,206,641	13,266,036	43,472,677
Land	19,826,686	66,446,634	86,273,320
Water	2,528,218	159,888	2,688,106
Total Releases	52,561,545	79,872,558	132,434,103
Off-site Transfers			
POTWs (2)	4,185,829	3,914	4,189,743
Recycle	57,520,685	597,102	58,117,787
Energy Recovery	11,359,884	331,680	11,691,564
Treatment	8,613,480	99,811	8,713,291
Disposal	4,339,423	6,708	4,346,131
Total Transfers	86,019,301	1,039,215	87,058,516
On-site Waste Mgmt.			
Recycle	225,246,952	0	225,246,952
Energy Recovery	97,649,194	667,012	98,316,206
Treatment	63,212,942	8,739,000	71,951,942
Total On-site Mgmt.	386,109,088	9,406,012	395,515,100

Source: Missouri TRI Database - 1998 data

(1) No new chemicals were reported by the new industries.

(2) Publicly Owned Treatment Works

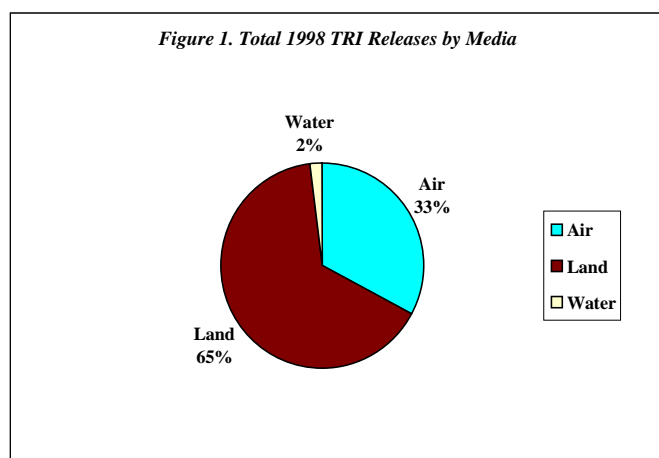


Figure 2. 1998 TRI Releases by Media - Manufacturing Only

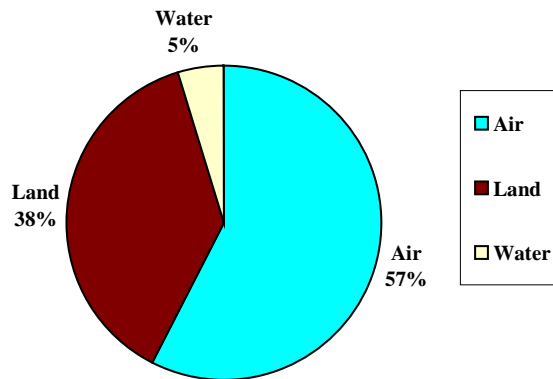


Figure 3. TRI Releases by Media by Sector Group

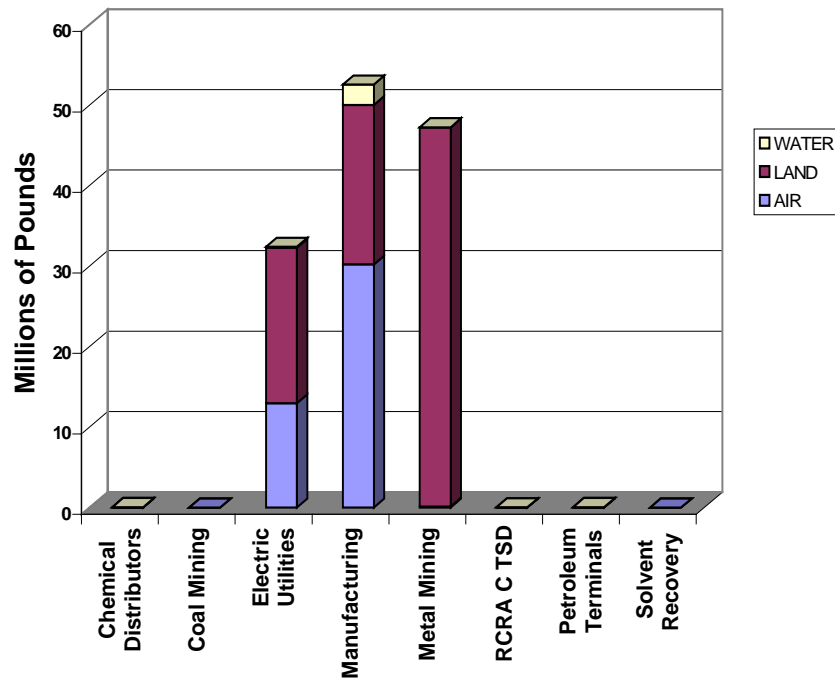


Table 4

1998 On-site Releases by Industry Sector

SIC Code	Industry Sector Description	No. of Facilities	No. of Reports(2)	On-site Releases (pounds)			
				AIR	LAND	WATER	TOTAL
10xx	Metal Mining (1)	6	20	139,670	47,112,532	29,661	47,281,863
12xx	Coal Mining (1)	0	0	0	0	0	0
20xx	Food Products	80	157	2,543,593	349,176	631,546	3,524,315
21xx	Tobacco Products	0	0	0	0	0	0
22xx	Textile Products	1	1	474	0	0	474
23xx	Apparel & Other Finished Fabric Products	0	0	0	0	0	0
24xx	Lumber & Wood Products	10	20	75,498	0	401	75,899
25xx	Furniture & Fixtures	8	13	166,101	10	0	166,111
26xx	Paper & Allied Products	4	4	32,006	0	0	32,006
27xx	Printing, Publishing & Allied Products	11	26	965,797	0	0	965,797
28xx	Chemical and Allied Products	114	545	10,593,040	16,879	1,852,023	12,461,942
29xx	Petroleum Refining & Related Industries	9	31	33,607	5,650	5	39,262
30xx	Rubber & Plastic Products	55	114	2,551,654	27,791	755	2,580,200
31xx	Leather & Leather Products	5	10	86,544	0	15	86,559
32xx	Stone, Clay, Glass & Concrete Products	19	131	620,813	321,318	700	942,831
33xx	Primary Metal Products	54	162	2,016,025	19,063,797	2,712	21,082,534
34xx	Fabricated Metal Products	68	208	1,613,630	1,206	39,005	1,653,841
35xx	Industrial & Commercial Machinery	31	80	706,981	15	0	706,996
36xx	Electrical Equipment & Components	35	102	628,923	255	758	629,936
37xx	Transportation Equipment	46	213	7,449,795	40,589	292	7,490,676
38xx	Measurement, Analytical, Photographic Equip.	8	17	57,704	0	6	57,710
39xx	Miscellaneous Manufacturing	2	10	63,950	0	0	63,950
49xx	Electric Utilities (4911, 4931 & 4939 only) (1)	18	118	12,983,638	19,316,590	130,117	32,430,345
4953	Treatment, Storage, Disposal Facilities (1)	3	6	11,534	17,494	75	29,103
5169	Chemical Distributors (1)	19	169	63,226	18	5	63,249
5171	Petroleum Bulk Plants/Terminals (1)	8	60	67,890	0	30	67,920
7389	Solvent Recovery Facilities (1)	5	5	18	0	0	18
9711	Federal Facilities	1	1	506	0	0	506
				43,472,617	86,273,320	2,688,106	132,434,043

Source: Missouri TRI Database - 1998 data

(1) New industry for 1998

Releases by Industry Sector

If compared to the 1997 on-site releases of 57,291,327 pounds, manufacturing showed an overall decrease of 8.3 percent or 4,729,782 pounds, in 1998. With the addition of the seven new industries, the total reported on-site releases more than doubled, or increased to 132,434,103 pounds. As stated, the electric utilities and metal mining sectors accounted for the greatest part of this increase.

Table 4 provides a listing of on-site releases by each of the industry sectors sorted by SIC Code. As can be seen, the Metal Mining sector (10xx) reported 47,281,863 pounds of on-site releases, of which 99.6 percent was land releases. The Electric Utilities sector (49xx) accounted for 32,430,345 pounds, of which 40 percent was air releases, 59.6 percent was land releases, and 0.4 percent was water releases. These two sectors accounted for 99.8 percent of the total on-site releases reported by the seven new industries. The Primary Metal Products (SIC 33xx) sector also showed very large land releases. There are two facilities that reported over 95 percent of these releases. These are the lead smelters located in Herculaneum and

Annapolis, Missouri, both of which are now owned and operated by the Doe Run Company.

Table 4 also shows the number of facilities and number of reports for each industry sector. This information shows the distribution of the various types of industries in Missouri. The number of reports, which corresponds to the number of chemicals reported, shows a correlation to the total releases by each industry sector, especially for the manufacturing industries, SIC Codes 20xx – 39xx.

Figures 4 and 5 illustrate the top ten industry sectors sorted in descending order by total releases. Figure 4 shows only the manufacturing sectors and Figure 5 includes non-manufacturing. As can be seen in Figure 5, when the new, non-manufacturing industries are added, metal mining and the electric utilities come to the top of the list. Also note the scale in these two figures. The scale for pounds in Figure 5 is double the scale in Figure 4. This again showing the large contribution of the metal mining and electric utilities sectors.

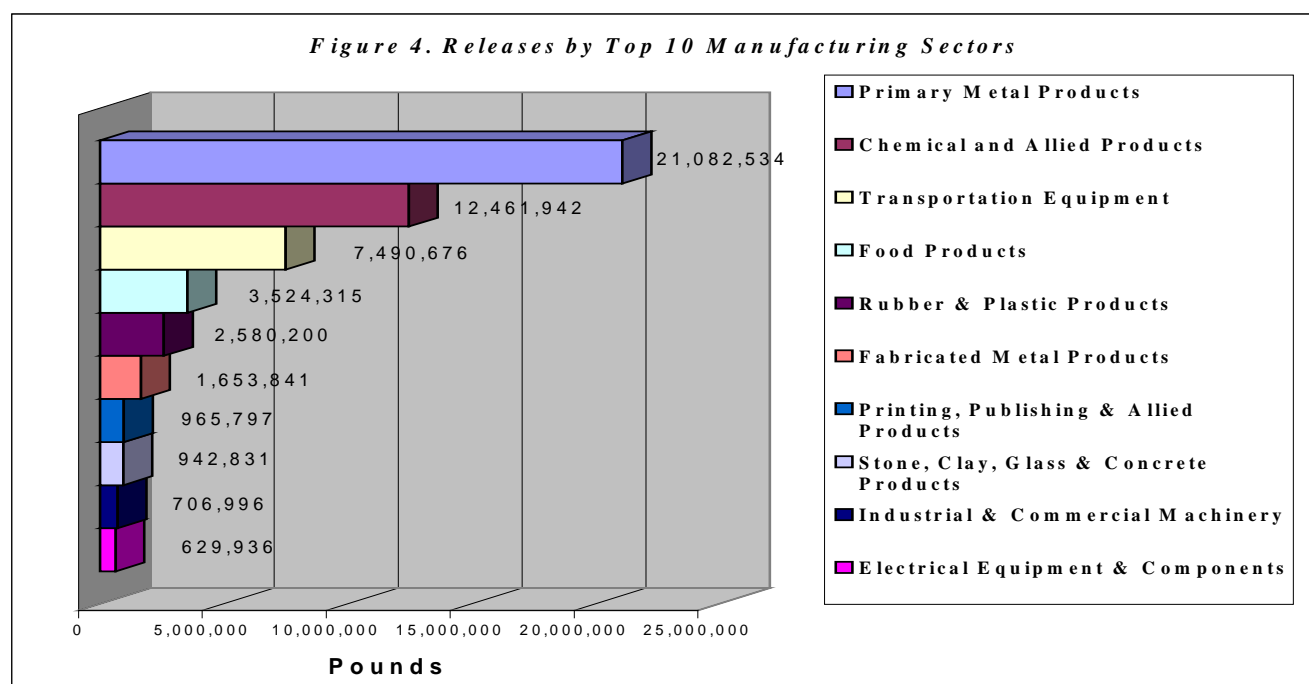
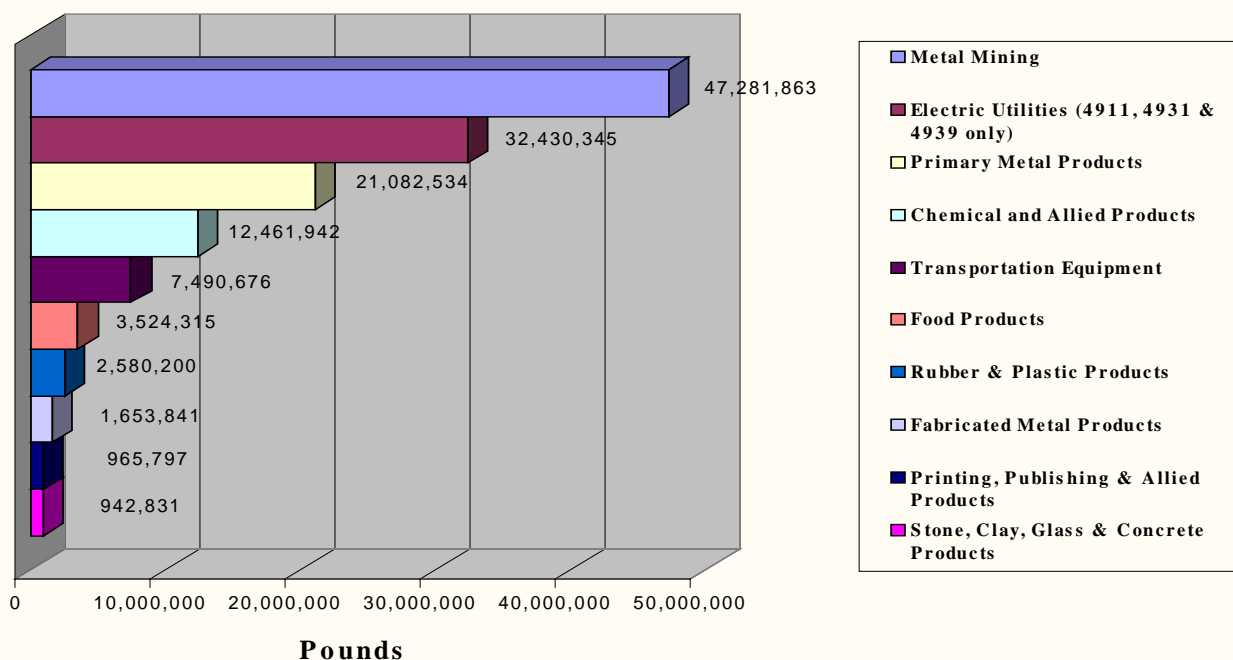


Figure 5. Top 10 Industries Including Non-Manufacturing



New Industries

As seen previously, the metal mining and electric utilities sectors contributed the greatest quantities of on-site releases from the new industries. In this section, we will discuss what companies make up these industries, where they are located, and some of the chemicals they are reporting.

Metal Mining

This industry is made up of six mines located in the southeast part of Missouri in the counties of Iron and Reynolds.

Table 5 provides a listing of these mines, their location, and their reported on-site releases. These are hard rock mines that extract ore bearing rock from deep within the earth. Once brought to the surface, the rock is crushed and treated chemically to extract as much of the desired metals as possible. Over 90 percent of the rock brought up ends up as waste rock, commonly known as tailings.

Table 5

Total Releases Reported by Metal Mining Industry in Missouri

Facility Name	City	County	On-site Releases (pounds)			
			Air	Land	Water	Total
Brushy Creek Mine/Mill	Bunker	Reynolds	12,799	4,459,079	4,548	4,476,426
Fletcher Mine/Mill	Bunker	Reynolds	23698	6321354	1750	6346802
Westfork Mine/Mill	Bunker	Reynolds	924	6,806,016	1,250	6,808,190
Sweetwater Mine/Mill	Ellington	Reynolds	3,777	3,654,708	915	3,659,400
Buick Mine/Mill	Boss	Iron	41,427	10,383,782	9,498	10,434,707
Viburnum Mine/Mill	Viburnum	Iron	57,045	15,487,593	11,700	15,556,338
Totals =			139,670	47,112,532	29,661	47,281,863

Source: Missouri TRI Database - 1998 data

These tailings are deposited in engineered impoundments on the mine property. Although the extraction process is very efficient, small fractions of metals still remain in the waste rock. These are the quantities that are reported as on-site land releases by the mines.

Table 6 lists the chemicals the mines report as releases, the media to which they are released, and the quantities released on-site in pounds.

Table 6
Chemicals Reported by Metal Mining Industry

Chemical	On-site Releases (pounds)			
	Air	Land	Water	Total
Zinc Compounds	4,046	17,439,237	20,538	17,463,821
Lead Compounds	134,577	25,595,940	7,623	25,738,140
Copper Compounds	1,047	4,077,355	1,500	4,079,902
Cyanide Compounds	0	0	0	0
Chromium Compounds	0	0	0	0
Totals =	139,670	47,112,532	29,661	47,281,863

Electric Utilities

There are 18 power-generating facilities that reported for the first time to the TRI in 1998. These facilities burn coal or oil for electricity

generation. A list of all the power plants and their total reported on-site releases are shown in Table 7.

Table 7
TRI Releases from Electric Power Plants in Missouri

FACILITY	CITY	COUNTY	On-site Releases (pounds)			
			AIR	LAND	WATER	TOTAL
Sikeston Power Station	Sikeston	Scott	340,982	7,036,958	0	7,377,940
Labadie Power Station	Labadie	Franklin	1,966,147	3,449,000	39,607	5,454,754
Sioux Power Plant	West Alton	St. Charles	3,351,324	1,314,000	9,035	4,674,359
Meramec Plant	Saint Louis	St. Louis	3,535,486	346,000	11,490	3,892,976
Rush Island Plant	Festus	Jefferson	349,294	2,276,000	52,480	2,677,774
Thomas Hill Energy Center	Clifton Hill	Randolph	321,860	1,493,000	3,000	1,817,860
New Madrid Power Plant	New Madrid	New Madrid	332,130	1,187,300	7,300	1,526,730
Iatan Generating Station	Weston	Platte	248,065	736,000	0	984,065
Asbury Generating Station	Asbury	Jasper	251,987	443,001	0	694,988
St. Joseph Light & Power	Saint Joseph	Buchanan	623,239	0	1,104	624,343
Columbia Municipal Power Plant	Columbia	Boone	132,613	440,716	0	573,329
James River Power Station	Springfield	Greene	433,698	0	2,308	436,006
Montrose 2 & 3	Clinton	Henry	118,310	270,000	5	388,315
Chamois Power Plant	Chamois	Osage	340,000	0	0	340,000
Hawthorn Generating Facility	Kansas City	Jackson	92,800	160,000	250	253,050
Sibley Generating Station	Sibley	Jackson	210,138	0	3,454	213,592
Southwest Power Station	Springfield	Greene	182,788	11,549	79	194,416
Montrose 1	Clinton	Henry	58,160	124,700	5	182,865
City of Independence	Independence	Jackson	94,617	28,366	0	122,983
Totals =			12,983,638	19,316,590	130,117	32,430,345

Source: Missouri TRI Database - 1998 Data

Table 8 provides a listing of all the chemicals reported by the utilities with the media and total releases of each chemical.

These are the totals for the whole state and not local releases from any one facility.

Table 8
TRI Chemicals Reported by Electric Utilities in Missouri

CHEMICAL NAME	AIR	LAND	WATER	TOTAL
Barium Compounds	168,339	10,096,583	104,359	10,369,281
Hydrochloric Acid ("Acid Aerosols" Only)	9,098,437	0	0	9,098,437
Zinc Compounds	54,025	7,546,630	9,312	7,609,967
Hydrogen Fluoride	1,989,699	0	0	1,989,699
Sulfuric Acid ("Acid Aerosols" Only)	1,629,374	0	0	1,629,374
Copper Compounds	5,467	531,489	3,218	540,174
Barium	14,819	396,811	0	411,630
Manganese Compounds	7,240	329,000	5,030	341,270
Nickel Compounds	3,197	151,702	4,396	159,295
Chromium Compounds	2,470	133,300	3,620	139,390
Lead Compounds	1,220	52,000	182	53,402
Manganese	1,536	26,244	0	27,780
Cobalt Compounds	160	21,000	0	21,160
Zinc (Fume or dust)	745	19,946	0	20,691
Ethylene Glycol	0	11,000	0	11,000
Ammonia	6,905	0	0	6,905
Arsenic Compounds	5	885	0	890
Chlorine	0	0	0	0
	12,983,638	19,316,590	130,117	32,430,345

Source: Missouri TRI Database - 1998 Data

All units are in pounds

Although it is beyond the scope of this report to go into detail about how and where these releases are generated at a power plant, many factors should be considered when looking at this data. For one, the TRI data does not address toxicity or exposure to these chemicals. For example, the land releases reported is the ash from the combustion process and is deposited in landfills or surface impoundments on the utility's property. These releases present very low potential exposure to the general public. The large air releases of hydrochloric acid, hydrogen fluoride and sulfuric acid are commonly dispersed in the air in a very dilute form before they reach the general public. A study conducted by EPA and reported to Congress in 1998 (Publication # EPA 453/R-98-004a) indicated that the lifetime inhalation cancer risks to these

pollutants is less than 1 in 1,000,000. This is not to say that these air releases are not an environmental concern, just that they are not indicated to be a significant human health risk. EPA does not list sulfuric acid as a hazardous air pollutant, and therefore, it was not included in this study. This study did indicate that the highest cancer risks were from arsenic and chromium from coal fired plants, and from nickel and chromium from oil fired plants. These aggregate risk values were 3 in 1,000,000 and 6 in 100,000 respectively. A copy of the executive summary of the EPA report can be downloaded from the Internet at www.epa.gov/ttncaaa1/t3rc.html. The report is titled, "Study of Hazardous Air Pollutants from Electric Utility Steam Generating Units."

The quantities of releases shown in Table 8 are very large because of the extremely large

volumes of coal (or oil) that are burned on an annual basis. As an example, an 800-megawatt coal fired plant, which is a relatively small plant, can burn as much as 2,000,000 tons of coal per year. At 2,000 pounds per ton, this equates to 4 billion pounds of coal. This size plant provides the energy usage of approximately 200,000 homes. Therefore, although many of the chemicals reported by the utilities are contained in coal in very small percentages, the large volume of coal burned on an annual basis results in large quantities of reported releases. This is especially true of the on-site land releases of the metal compounds, such as barium, zinc and copper contained in the ash.

The acid aerosols mentioned above are not themselves contained in the coal but the elements that make up these compounds are. These acids are essentially “manufactured” during the combustion process from the chlorine, fluorine and sulfur contained in the coal. But again, these acids are in very dilute concentrations and are not considered human health hazards. Their overall environmental impact, however, is not fully known.

If you would like more information about electric utilities, you can review the Edison Electric Institute’s Web site at www.eei.org/issues/enviro/tri or contact your local utility. Also, a listing of all the chemicals and their reported releases by each company are provided in Appendix C of this report.

Top 30 Facilities

Tables 9 and 10 provide a listing of the top 30 manufacturing and non-manufacturing companies based on total on-site releases. The manufacturing and non-manufacturing sectors are again separated out because, if combined, the mining and electric utility facilities would totally dominate the list, as can be seen if one compares the two tables.

Focusing on the manufacturing facilities, listed in Table 9, one can see that the Doe Run Company smelters, mentioned previously, are at the top. These two facilities process the lead ore concentrate that comes from the mining and milling facilities, listed previously in Table 5. The primary chemicals they reported were zinc (14,099,266 pounds) and lead compounds (4,333,390 pounds) with much smaller amounts of such elements as copper, cadmium, cobalt and nickel. For more details, see Appendix C for the Doe Run Company under Jefferson and Iron counties.

Another industry group high in Table 9 is the charcoal manufacturing companies (SIC 2861). These companies manufacture charcoal using the “Missouri kiln method”. As a byproduct, they manufacture methanol, a toxic alcohol. Their releases of methanol are totally reported as air emissions.

The automobile and truck industry (SIC 37xx) is also a large contributor to toxic air releases. This can be seen from the two large Ford manufacturing plants in Claycomo and Hazelwood, along with the GM Truck (Wentzville) and Chrysler plants. These companies report primarily air releases because they use chemicals such as xylene, glycol ethers, ethyl benzene and methyl isobutyl ketone (MIBK), which are all highly volatile. These chemicals are used as solvents in paints and plastics and they easily vaporize, thus becoming releases to the air. For details on how much of a specific chemical these companies emit, refer to Appendix C.

Many of the other companies listed in Table 9 are either chemical manufacturers (SIC 28xx) or food processors (SIC 20xx). Again, for details on exactly which chemicals these companies release and the quantities, refer to Appendix C.

Table 9**Top 30 Manufacturing Facilities Reporting Greatest Annual Releases**

FACILITY	SIC	CITY	COUNTY	On-site Releases (pounds)			
				AIR	LAND	WATER	TOTAL
DOE RUN CO. HERCULANEUM SMELTER	3339	HERCULANEUM	JEFFERSON	271,716	9,567,146	247	9,839,109
DOE RUN CO., GLOVER SMELTER	3339	ANNAPOLIS	IRON	43,533	9,306,607	27	9,350,167
ROYAL OAK ENT. INC., ELLSINORE	2861	ELLSINORE	CARTER	3,294,720	0	0	3,294,720
CRAIG IND.	2861	SUMMERSVILLE	SHANNON	2,753,280	0	0	2,753,280
FORD MOTOR CO., KANSAS CITY	3711	CLAYCOMO	CLAY	2,327,224	0	0	2,327,224
FORD MOTOR CO. ST. LOUIS	3711	HAZELWOOD	ST LOUIS	1,518,397	0	0	1,518,397
DOW CHEMICAL CO. RIVERSIDE SIT	3086	PEVELY	JEFFERSON	1,406,900	0	0	1,406,900
ICI EXPLOSIVES USA INC.	2819	JOPLIN	JASPER	425,110	255	595,700	1,021,065
MISSOURI CHEMICAL WORKS	2869	LOUISIANA	PIKE	976,854	0	0	976,854
DYNO NOBEL INC. LOMO PLANT	2873	LOUISIANA	PIKE	194,700	0	762,000	956,700
GMTG WENTZILLE TRUCK ASSEMBLY	3713	WENTZVILLE	ST CHARLES	932,662	0	0	932,662
PATIO CHEF CO. LLC	2861	LICKING	TEXAS	893,520	0	0	893,520
BIOKYOWA INC.	2048	CAPE GIRARDEAU	CAPE GIRARDEAU	6,431	219,541	463,288	689,260
NORANDA ALUMINUM INC.	3334	NEW MADRID	NEW MADRID	682,926	0	0	682,926
CHRYSLER CORP.ST. LOUIS (1050D)	3711	FENTON	ST LOUIS	680,709	0	0	680,709
DECORATIVE SURFACES INTL.	2754	SAINT LOUIS	ST LOUIS	589,635	0	0	589,635
HOLNAM INC. CLARKSVILLE PLANT	3241	CLARKSVILLE	PIKE	327,167	261,537	0	588,704
TEVA PHARMACEUTICALS USA	2834	MEXICO	AUDRAIN	565,583	0	0	565,583
ANHEUSER-BUSCH INC.	2082	SAINT LOUIS	ST LOUIS CITY	514,061	0	0	514,061
3M NEVADA PLANT	3081	NEVADA	VERNON	491,020	0	0	491,020
EFCO CORP.	3354	MONETT	BARRY	464,458	0	0	464,458
AG PROCESSING INC.	2075	SAINT JOSEPH	BUCHANAN	460,000	0	0	460,000
SILGAN CONTAINERS MFG. CORP.	3411	SAINT JOSEPH	BUCHANAN	370,639	0	0	370,639
CARGILL INC.	2075	KANSAS CITY	JACKSON	352,356	0	0	352,356
TG USA CORP.	3714	PERRYVILLE	PERRY	315,668	0	0	315,668
DYNO NOBEL	2892	CARTHAGE	JASPER	8,035	0	298,924	306,959
CHRYSLER CORP.ST. LOUIS (1001N)	3711	FENTON	ST LOUIS	290,589	0	0	290,589
MALLINCKRODT INC.	2869	SAINT LOUIS	ST LOUIS CITY	272,096	0	0	272,096
ABLE BODY CORP.	3713	JOPLIN	JASPER	243,918	27,389	0	271,307
PLASTENE SUPPLY CO.	3471	PORTAGEVILLE	NEW MADRID	231,243	0	37,679	268,922

Source: Missouri TRI Database - 1998 Data

Total Releases: 43,445,490

Table 10**Top 30 Non-Manufacturing Facilities Reporting Greatest Releases**

FACILITY	SIC	CITY	COUNTY	On-site Releases (pounds)			
				AIR	LAND	WATER	TOTAL
VIBURNUM MINES/MILL	1031	VIBURNUM	IRON	57,045	15,487,593	11,700	15,556,338
BUICK MINE/MILL	1031	BOSS	IRON	41,427	10,383,782	9,498	10,434,707
SIKESTON POWER STATION	4911	SIKESTON	SCOTT	340,982	7,036,958	0	7,377,940
WESTFORK MINE/MILL	1031	BUNKER	REYNOLDS	924	6,806,016	1,250	6,808,190
FLETCHER MINE/MILL	1031	BUNKER	REYNOLDS	23,698	6,321,354	1,750	6,346,802
LABADIE POWER STATION	4911	LABADIE	FRANKLIN	1,966,147	3,449,000	39,607	5,454,754
SIOUX POWER PLANT	4911	WEST ALTON	ST CHARLES	3,351,324	1,314,000	9,035	4,674,359
BRUSHY CREEK MINE/MILL	1031	BUNKER	REYNOLDS	12,799	4,459,079	4,548	4,476,426
MERAMEC PLANT	4911	SAINT LOUIS	ST LOUIS	3,535,486	346,000	11,490	3,892,976
SWEETWATER MINE/MILL	1031	ELLINGTON	REYNOLDS	3,777	3,654,708	915	3,659,400
RUSH ISLAND PLANT	4911	FESTUS	JEFFERSON	349,294	2,276,000	52,480	2,677,774
THOMAS HILL ENERGY CENTER	4911	CLIFTON HILL	RANDOLPH	321,860	1,493,000	3,000	1,817,860
NEW MADRID POWER PLANT	4911	NEW MADRID	NEW MADRID	332,130	1,187,300	7,300	1,526,730
IATAN GENERATING STATION	4911	WESTON	PLATTE	248,065	736,000	0	984,065
ASBURY GENERATING STATION	4911	ASBURY	JASPER	251,987	443,001	0	694,988
ST. JOSEPH LIGHT & POWER-LAKE	4911	SAINT JOSEPH	BUCHANAN	623,239	0	1,104	624,343
COLUMBIA MUNICIPAL POWER PLANT	4911	COLUMBIA	BOONE	132,613	440,716	0	573,329
JAMES RIVER POWER STATION	4931	SPRINGFIELD	GREENE	433,698	0	2,308	436,006
MONTROSE 2&3	4911	CLINTON	HENRY	118,310	270,000	5	388,315
CHAMOIIS POWER PLANT	4911	CHAMOIIS	OSAGE	340,000	0	0	340,000
HAWTHORN GENERATING FACILITY	4911	KANSAS CITY	JACKSON	92,800	160,000	250	253,050
SIBLEY GENERATING STATION	4911	SIBLEY	JACKSON	210,138	0	3,454	213,592
SOUTHWEST POWER STATION	4931	SPRINGFIELD	GREENE	182,788	11,549	79	194,416
MONTROSE 1	4911	CLINTON	HENRY	58,160	124,700	5	182,865
CITY OF INDEPENDENCE	4911	INDEPENDENCE	JACKSON	94,617	28,366	0	122,983
U.S. DOE WELDON SPRING SITE	4953	SAINT CHARLES	ST CHARLES	11,334	17,494	75	28,903
JEFFERSON CITY TERMINAL	5171	JEFFERSON CITY	COLE	18,260	0	30	18,290
CLARK REFINING & MARKETING INC	5171	SAINT LOUIS	ST LOUIS CITY	16,350	0	0	16,350
SUPERIOR SOLVENTS & CHEMICALS	5169	SAINT LOUIS	ST LOUIS	14,204	0	0	14,204
HCI CHEMTECH INDS. INC.	5169	SAINT LOUIS	ST LOUIS	13,795	0	0	13,795

Source: Missouri TRI Database - 1998 Data

Total Releases: 79,803,750

TRI Releases by County

Figures 6 and 7 provide graphical depictions of the distribution of TRI releases around the state. A complete listing of the TRI releases by county is provided in Appendix E. If a county is not listed, there was no TRI reporting in that county.

As can be seen in Figure 6, the majority of counties in Missouri have very low releases. The top three counties in Figure 6 are Iron, Reynolds and Jefferson. These are the top three due to the mines/mills and smelters in these counties. There is also a power plant located in Jefferson County.

Figure 6: 1998 Toxic Releases by County

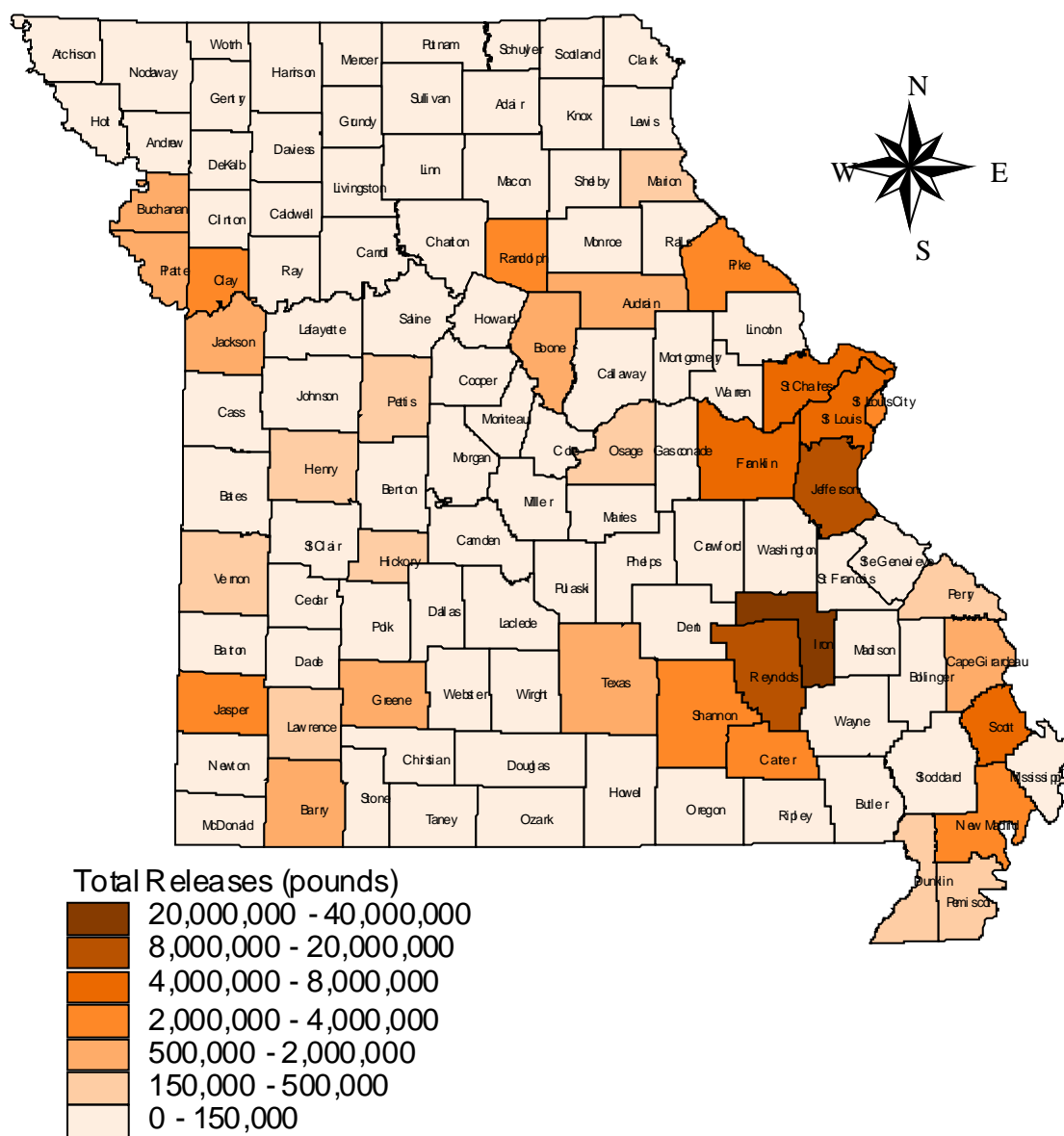
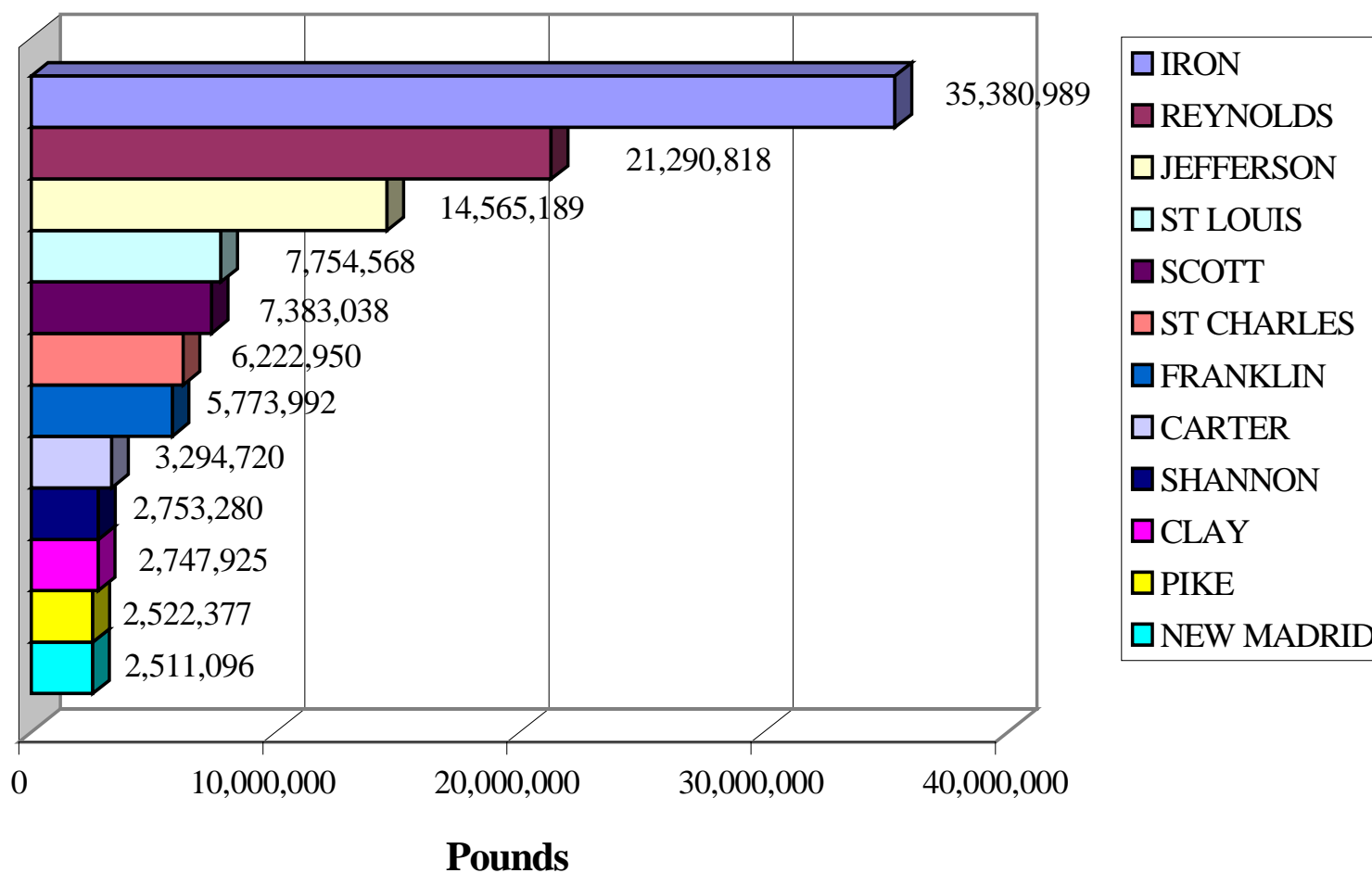


Figure 7. Top Twelve Counties Showing Greatest TRI Releases - 1998



The counties of St. Louis, Scott, St. Charles, and Franklin also rank high because of the automobile and truck manufacturers, and the electric power plants located in these counties. (See Tables 9 and 10 as a reference for which facilities are located in these counties, or refer to Appendix C.)

Charcoal kilns are located in the counties of Carter and Shannon, and the Claycomo Ford Motor Plant is located in Clay County. The Holnam Cement Company, the Dyno Nobel Chemical Plant, and Missouri Chemical Works are all located in Pike County. New Madrid has the New Madrid power station and the Noranda Aluminum Manufacturing plant. These are the remaining five counties shown in Figure 9, listed in descending order.

For more details about what chemicals are released by a specific company in a given county, please refer to Appendix C.

Top 30 Chemicals

Table 11 provides a listing of the top 30 chemicals reported by all industry sectors. The total releases are listed in descending order. As can be seen, the top chemicals are zinc and lead. These are the chemicals reported by the mines and mills and lead smelters. These are the high volume chemicals reported by them and are primarily land releases, as discussed previously. Barium compounds, hydrochloric and sulfuric acid aerosols, and hydrogen fluoride are the land and air releases reported primarily by the electric utilities. Methanol is the chemical most commonly reported by Missouri charcoal kilns as air emissions. Nitrate compounds, ammonia and N-hexane are chemicals reported by the explosives manufacturers and food processing companies. Many of the solvents such as toluene, glycol ethers, and methyl ethyl ketone are used by the auto industry. For a complete list of all the TRI chemicals reported for 1998, see Appendix F.

Table 11
Top 30 TRI Chemicals Reported in 1998

CHEMICAL NAME	On-site Releases (pounds)				Off-site Transfers (pounds)	
	AIR	LAND	WATER	TOTAL	POTW	TOTAL
ZINC COMPOUNDS	174,106	33,143,307	30,936	33,348,349	9,160	6,230,619
LEAD COMPOUNDS	376,589	27,122,693	8,901	27,508,183	2,259	19,435,561
BARIUM COMPOUNDS	168,851	10,138,812	104,433	10,412,096	0	19,164
HYDROCHLORIC ACID ("AEROSOLS" ONLY)	9,897,762	5	0	9,897,767	10	0
METHANOL	8,687,885	10	10,134	8,698,029	895,427	6,144,104
ZINC (FUME OR DUST)	8,652	6,125,424	8	6,134,084	5	5,550
COPPER COMPOUNDS	42,454	4,840,185	5,604	4,888,243	3,675	1,147,525
XYLENE (MIXED ISOMERS)	3,637,996	0	5	3,638,001	1,544	4,415,544
LEAD	71,650	2,751,135	300	2,823,085	3,684	849,806
HYDROGEN FLUORIDE	2,658,132	0	0	2,658,132	0	14,300
NITRATE COMPOUNDS	607	899	2,010,526	2,012,032	374,446	700,169
SULFURIC ACID ("AEROSOLS" ONLY)	1,981,010	2,870	0	1,983,880	0	595
AMMONIA	1,173,818	270,276	493,454	1,937,548	2,176,996	41,859
CERTAIN GLYCOL ETHERS	1,878,871	5,400	5	1,884,276	116,037	925,222
TOLUENE	1,674,259	14	37	1,674,310	6,009	5,277,851
N-HEXANE	1,540,211	0	5	1,540,216	1,111	69,761
METHYL ETHYL KETONE	1,186,656	10	100	1,186,766	10	2,559,337
METHYL ISOBUTYL KETONE	1,149,829	5	11	1,149,845	405	1,165,602
1-CHLORO-1,1-DIFLUOROETHANE	970,294	0	0	970,294	0	0
STYRENE	941,321	27,389	0	968,710	255	250,128
N-BUTYL ALCOHOL	716,941	0	5	716,946	1,050	197,065
ETHYLBENZENE	716,841	0	5	716,846	519	685,539
TRICHLOROETHYLENE	469,054	0	0	469,054	13	198,488
CHLOROETHANE	442,497	0	0	442,497	0	0
BARIUM	14,819	396,811	0	411,630	0	0
COPPER	25,875	377,542	609	404,026	36,526	19,893,352
1,2,4-TRIMETHYLBENZENE	395,052	5	10	395,067	16	200,357
MANGANESE COMPOUNDS	18,078	344,212	5,030	367,320	66,384	1,132,156
DICHLOROMETHANE	302,907	5	110	303,022	1,487	267,498
MANGANESE	152,891	97,841	1,029	251,761	564	779,596

Off-Site Transfers

Since 1991, manufacturing companies have been required to report the amount of TRI chemicals they ship off-site for further waste management. The data in Table 3 is graphically shown in Figure 8.

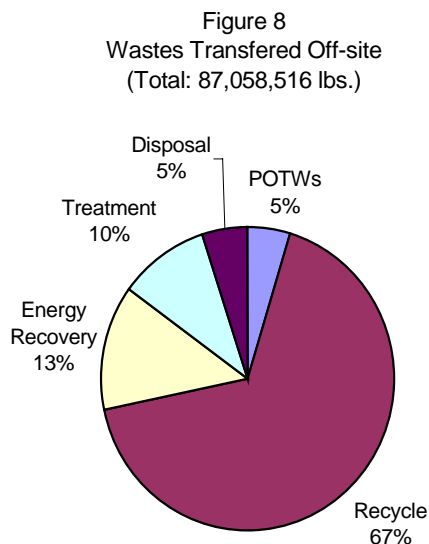
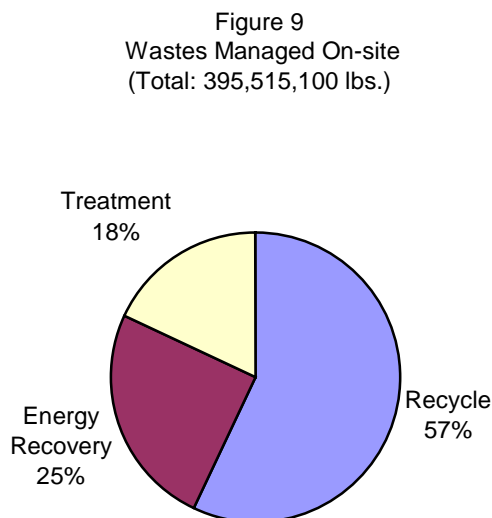


Figure 8 shows all of the off-site management categories. Eighty percent (80%) of TRI chemicals are sent off-site for either recycling or energy recovery. These are the preferred management methods because they preserve resources or use wastes in a beneficial way. Treatment typically means the destruction of the subject chemical. Disposal is the least preferred management method. However, disposal is required to be at a permitted hazardous waste landfill. EPA considers it a release to the environment, but in reality, the wastes are being managed in an environmentally safe manner but not in a way that can be considered beneficial. TRI chemicals sent to a Publicly Owned Treatment Works (POTW) are considered biologically treated and destroyed. Metals or metal compounds cannot be destroyed by a POTW and, therefore, are always considered releases.

On-Site Waste Management

As with off-site transfers, facilities have also been required to report on-site waste management of TRI chemicals since 1991. Figure 9 provides a graphical representation of the 1998 data listed in Table 3.



The majority of the waste TRI chemicals (82%) are managed on-site by recycling or energy recovery. These again are the preferred methods of management.

The most common chemicals that are being reported for on-site recycling are lead and lead compounds (44.2 and 36.8 million pounds, respectively), methanol (27.9 million pounds), nitrate compounds (13 million pounds), zinc and zinc compounds (12.3 and 3.7 million pounds, respectively), and sulfuric acid (12.1 million pounds).

The lead and lead compounds are being reported primarily by the lead smelters in Glover and Herculaneum, Missouri. These are the facilities that are reporting the recycling of zinc and zinc compounds also.

The methanol and nitrate compounds are reported by chemical manufacturers such as Mallinckrodt in St. Louis and ICI Explosives in Joplin, Missouri. The total quantity of 12.1 million pounds of sulfuric acid was reported as recycled on-site by the Dyno Nobel Company in Carthage, Missouri.

The chemicals used for energy recovery are commonly the solvents such as toluene, xylene, methyl ethyl ketone, and other chemicals such as methanol and vinyl acetate. These chemicals are primarily burned as fuel by the large cement kilns.

The cement kilns receive these chemicals as waste from other manufacturing facilities, and from waste brokers. Cement kilns burn these wastes at a very high temperature (2500 F – 3000 F) and, therefore, completely destroy the TRI chemical. Cement kilns are regulated and closely monitored both by EPA and DNR's Hazardous Waste Program to ensure they have a destruction efficiency of at least 99.99 percent.

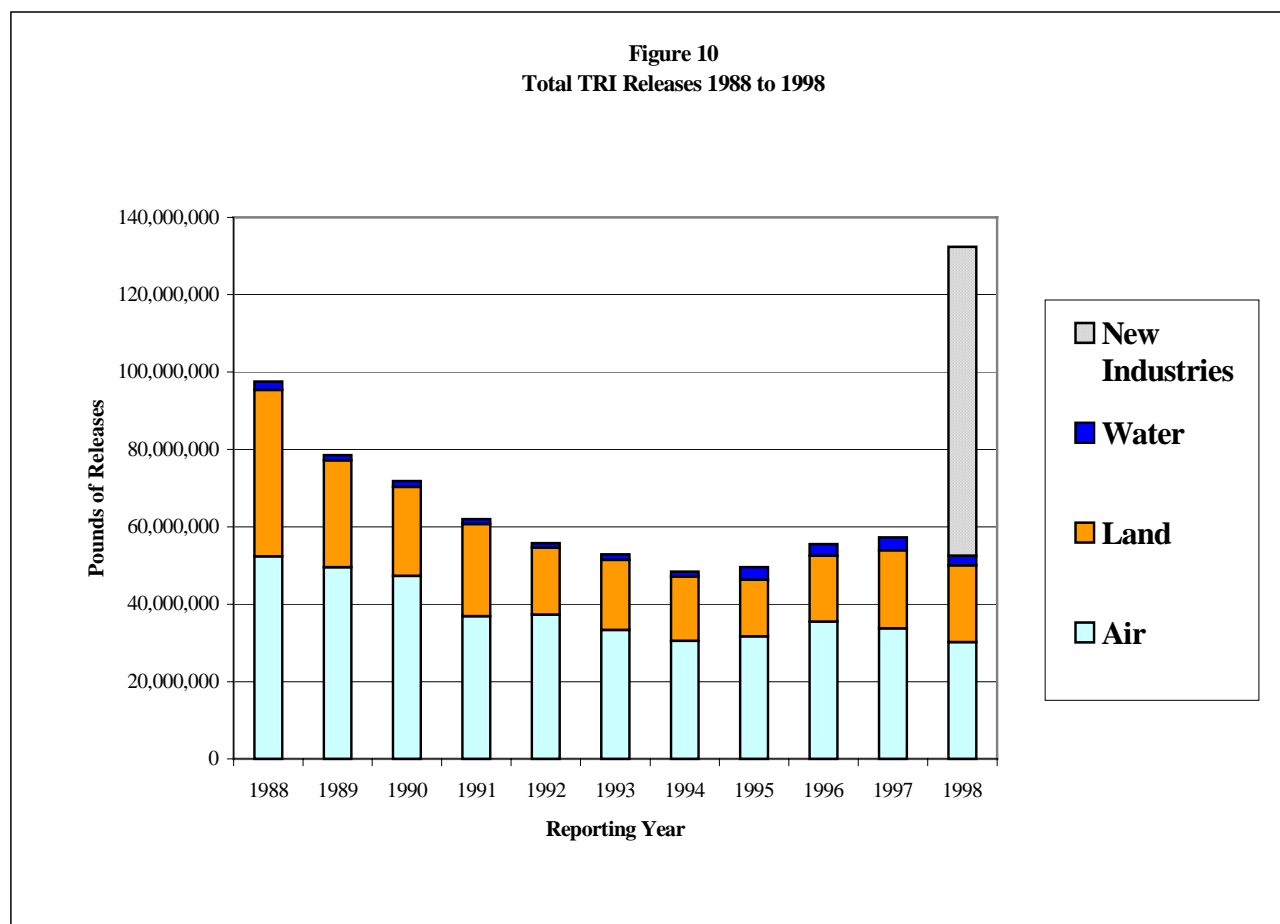
If you have questions about the burning of TRI chemicals at cement kilns, please feel free to contact the Hazardous Waste Program's Permits Section at (573) 751-3176 or the Technical Assistance Program at 1-800-361-4827 or (573) 526-6627.

TRI Trends Analysis 1988 to 1998

Although reporting to the TRI began in 1987, the data for the initial start up year is usually disregarded because of various reporting errors found. Also, as it is important to review the data for a single year, it is also important to look at the trends over time. The following sections will look at some trends of the TRI data, using 1988 as the baseline year. Because 1998 is the first year of reporting for the seven new industries, they will be excluded from most of the following discussions, since there are no trends to analyze. They will be included initially to show their effect.

Total Annual Releases

Figure 10 provides a graphical picture of the trend since 1988 for the reported total annual releases of TRI chemicals. The releases to each media are stacked together to more easily show the overall trends. Note the large change when the new industries are added in 1998. Figure 11 breaks out the portion of releases to each media so that one can more easily see how changes have occurred by media in the manufacturing sectors.



A low in the TRI releases was reached in 1994. At that point, TRI releases had been reduced by 50.3 percent over the total for 1988. The change between 1994 and 1995 was due primarily to the addition of 286 chemicals, which included pesticides and six chemical categories. The addition of the nitrate compounds category accounted for a majority of the increased water releases between 1994 and 1995.

Between 1995 and 1996, the relatively large increase in air releases was attributable to the addition of the charcoal industry. They were required by EPA and DNR to begin reporting their air emissions of methanol beginning in 1996.

The increases in land releases reported between 1995 and 1997 are almost completely attributable to the reported land releases by the Asarco Company in Annapolis, MO. This property is now owned and operated by the Doe Run Company.

The decrease between 1997 and 1998, a decrease of 8.3 percent or 4,729,782 pounds, is strictly associated with reductions made by the manufacturing companies as there were no significant changes in reporting requirements or chemical list changes for these years.

Table 12 provides the actual data numbers used to generate Figures 10 and 11 for the manufacturing sectors.

Figure 11
Annual Releases by Media - Manufacturing Only

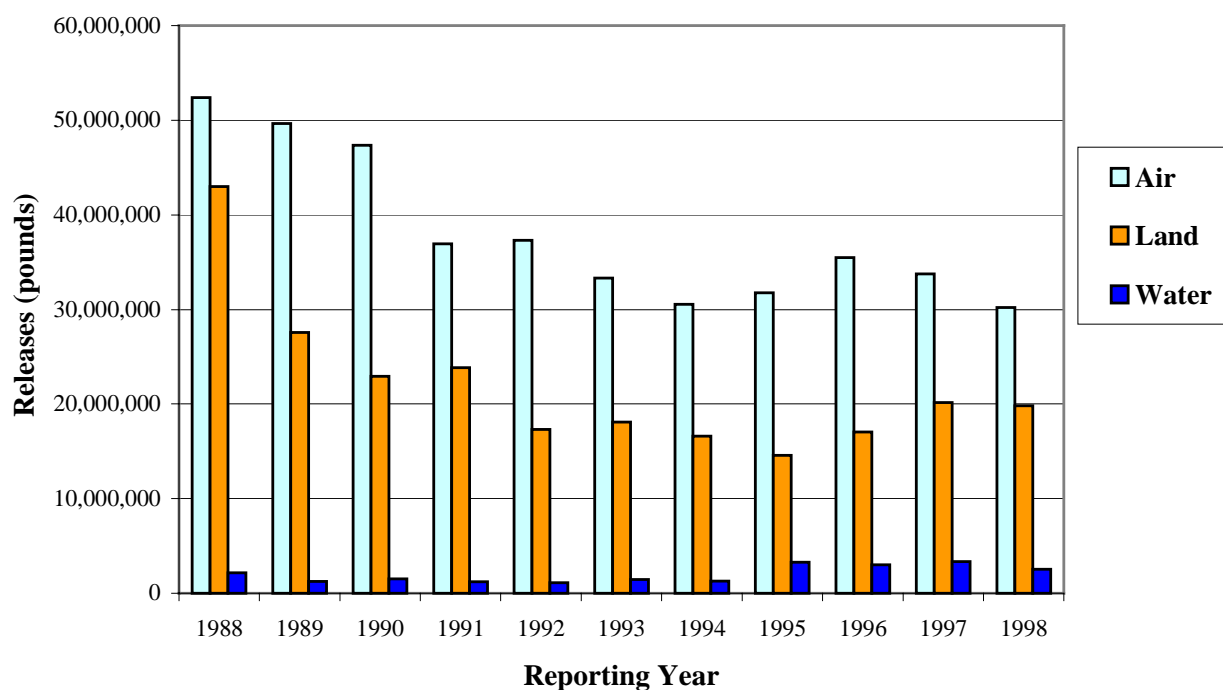


Table 12

Total Releases by Media by Year – Manufacturing Only

(pounds)				
Reporting Year	Air	Land	Water	Total Releases
1988	52,409,588	43,009,771	2,168,982	97,588,341
1989	49,644,776	27,574,966	1,262,148	78,481,890
1990	47,338,161	22,964,681	1,519,020	71,821,862
1991	36,936,375	23,829,449	1,230,181	61,996,005
1992	37,313,346	17,338,852	1,115,179	55,767,377
1993	33,336,193	18,101,934	1,438,746	52,876,873
1994	30,548,930	16,631,294	1,305,204	48,485,428
1995	31,778,685	14,585,208	3,282,973	49,646,866
1996	35,498,538	17,033,951	3,008,012	55,540,501
1997	33,788,150	20,171,157	3,332,020	57,291,327
1998	30,206,641	19,826,686	2,528,218	52,561,545

Source: Missouri TRI Database

Chemical Trends by Company

As it is important to look at total releases by individual companies for a single reporting year, it is also important to look at trends over time. This is especially true of some of the companies that show large releases for a given year. Looking at the thirty companies ranked by total releases in Table 9, the Doe Run Company in Herculaneum, MO is at the top of the list.

Table 13 shows manufacturing companies that have shown the largest changes in total releases since 1988. Doe Run Company is again at the top of the list, but here it is because they have shown the greatest reductions in releases over this period of time. 3M in Nevada was also among the top thirty facilities in Table 9, but they have also shown large reductions

since 1988, as have the Chrysler Assembly plants, the Dyno Nobel Plant, the Hussmann Corporation, the Canam Steel Corporation, and the U. S. Department of Energy. All of the companies listed in Table 13 with a negative change have shown substantial reductions in their TRI releases since 1988. Note that Table 13 is not an exhaustive list but simply shows some of the largest changes observed. Table 13 also shows companies that have shown relatively large increases over this same period of time. There are far fewer companies that have shown increases as opposed to decreases, and their increases are typically much smaller quantities. This corresponds to the overall decrease in total releases shown previously in Figures 10 and 11.

However, many factors may impact the conclusions inferred in Table 13. Production

increases or decreases, reporting requirements, plant closings or cut backs, or changes in TRI chemical usage may all be factors that could have caused some of the changes noted. It is beyond the scope of this

report to review each of these possibilities. If more information is desired on specific facilities, please contact the Technical Assistance Program at 1-800-361-4827 or (573) 526-6627.

Table 13

Companies Showing Largest Changes in Total Releases - 1988* to 1998

Company Name	City	SIC	1988 Releases	Start Year	1998 Releases	Change
Doe Run Company	Herculaneum	3339	28,878,201		9,839,109	-19,039,092
3M	Nevada	3081	3,765,342		491,020	-3,274,322
Chrysler Corp. (1050D)	Fenton	3711	2,837,403		680,718	-2,156,685
Chrysler Corp. (1001N)	FENTON	3711	1,371,379		290,589	-1,080,790
Dyno Nobel Inc. Lomo Plant	Louisiana	2873	1,843,829		956,700	-887,129
Hussmann Corp.	Bridgeton	3585	756,379		22,974	-733,405
Canam Steel Corp.	Washington	3441	717,329		0	-717,329
U.S. DOE	Kansas City	9711	687,038		506	-686,532
McDonnell Douglas Corp.	Saint Louis	3721	812,483		180,500	-631,983
Mallinckrodt Chemical	Saint Louis	2869	728,327		272,108	-456,219
Crane-National Vendors	Bridgeton	3581	317,650		0	-317,650
Litton	Springfield	3672	310,405		5,500	-304,905
Marquette Tool & Die	Saint Louis	3544	377,000		89,100	-287,900
Meramec Industries	Sullivan	3021	282,360		0	-282,360
G. W. Composites	O'Fallon	3089	310,616		56,623	-253,993
O'Sullivan Ind. Inc.	Lamar	2517	248,150		35,842	-212,308
Decorative Surfaces Intl. **	Saint Louis	2754	772,600		589,635	-182,965
Dyno Nobel Inc.	Carthage	2892	139,051		306,959	167,908
ICI Explosives USA Inc.	Joplin	2892	847,992		1,021,065	173,073
Missouri Chemical Works	Louisiana	2869	783,360		976,854	193,494
Anheuser-Busch Inc.	Saint Louis	2082	286,140		514,061	227,921
EFCO Corporation	Monett	3354	221,488		464,458	242,970
Silgan Containers Corp.	Saint Joseph	3411	4,000	1989	370,639	366,639
Teva Pharmaceuticals	Mexico	2834	39,575	1996	565,583	526,008
Ford Motor Company	Claycomo	3711	1,522,330		2,327,243	804,913

Source: Missouri TRI Database - 1998 Data

* Start year is indicated if other than 1988.

** Prior to 1998, company name was Borden Packaging & Intl.

Chemicals Managed as Wastes

Since 1991, manufacturing facilities have been reporting TRI chemicals they ship off-site for energy recovery, recycling, treatment or disposal, as well as the amounts they manage on-site in similar manners. The combination of these two methods of management constitutes the total of TRI chemicals managed as wastes. This represents TRI chemicals that are not

released to the environment and are managed in an environmentally sound manner.

Table 14 shows a summary of the quantities of TRI chemicals managed as wastes on-site and off-site since 1991. As can be seen, there are several large shifts in some of the annual quantities specifically in wastes

Table 14

Total TRI Chemicals Managed* - Manufacturing Only

Reporting Year	Total Releases**	Wastes Managed On-site Pounds			Wastes Managed Off-site Pounds			Total Wastes Managed***
		Energy	Recycling	Treatment	Energy	Recycling	Treatment	
1991	68,326,743	267,416,032	186,935,970	100,685,252	9,555,391	46,557,276	24,702,570	704,179,234
1992	57,334,762	251,191,980	137,867,384	101,788,068	9,584,918	165,065,483	28,637,243	751,469,838
1993	57,318,999	229,861,700	161,650,158	103,076,681	17,959,979	49,363,633	28,774,087	648,005,237
1994	52,850,084	259,913,210	220,758,719	85,972,500	16,933,090	64,961,693	30,345,091	731,734,387
1995	52,081,829	94,009,432	185,630,783	76,743,353	26,903,252	57,973,649	13,052,797	506,395,095
1996	59,126,923	79,482,408	177,502,324	72,012,544	27,006,551	59,989,152	11,964,685	487,084,587
1997	61,490,018	98,456,987	230,050,606	70,008,171	22,333,844	48,546,510	14,861,852	545,747,988
1998	56,489,931	97,649,194	225,246,952	63,212,942	11,423,984	55,347,624	12,480,817	521,851,444

* Manufacturing sectors only.

** Includes TRI chemicals sent off-site for disposal.

*** Includes releases and off-site disposal.

burned on-site for energy recovery and wastes treated on-site and off-site between 1994 and 1995. These shifts were due to various changes in reporting requirements by EPA and were discussed in detail in the 1997 TRI Annual Report. The 1997 report is available by contacting the Technical Assistance Program at 1-800-361-4827 or (573) 526-6627 or on the Internet at <http://www.dnr.state.mo.us/deq/tap/pub38.pdf>.

The trend in total wastes managed, especially after the large shift between 1994 and 1995, appears fairly stable with a slight upward trend. See Figure 12.

Of the waste management methods, on-site recycling is by far the preferred method by facilities based on total quantities recycled. This is also a preferred method from the perspective of the environment and resource conservation. The trend in on-site recycling appears to be increasing as shown in Figure 13.

On-site energy recovery is reported primarily by the cement kilns around the state. After the change in 1995, the reported quantities appear to be fairly constant. Off-site energy recovery is decreasing. On-site treatment of TRI chemicals also shows a downward trend after 1994. The sharp drops between 1993 and 1994, and again between 1994 and 1995 in on-site treatment, are believed to be due to a change in reporting requirements for sulfuric and hydrochloric acids during those years, respectively.

Off-site treatment also showed a sharp drop in 1995. This was due to the change in reporting requirements for ammonia. Since that time, off-site waste treatment appears to be fairly constant.

Figure 12
Total TRI Wastes Managed by Year

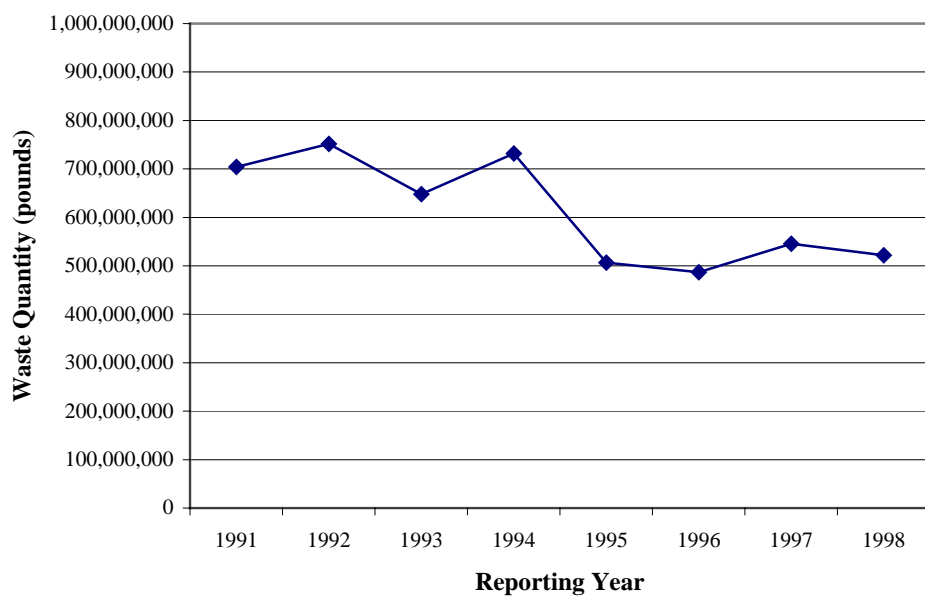
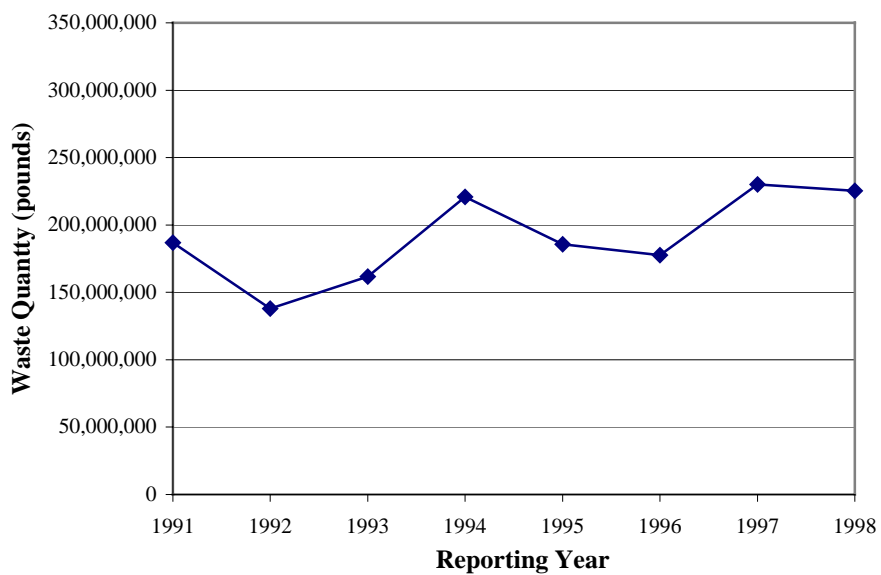


Figure 13
TRI Chemicals Recycled On-site



SOURCE REDUCTION IN MISSOURI

In 1990, Congress passed a law known as the Pollution Prevention Act (PPA). This law established the national policy that the best way to manage pollution was to prevent or reduce the generation of the wastes that cause pollution. This is known as source reduction. Up until this time, most of the environmental laws dealt with managing hazardous wastes or pollution after it was created. The PPA focused on reducing the amount of pollution generated.

The PPA defines source reduction as any practice that:

- reduces the amount of any hazardous substance, pollutant or contaminant entering any waste stream or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment or disposal; and,
- reduces the hazards to public health and the environment associated with the release of such substances, pollutants or contaminants.

The PPA stated that, through source reduction, the risks to people and the environment could be reduced and financial and natural resources could be saved that would otherwise be spent on environmental clean-up or pollution control. Industrial processes could also be made more efficient. Source reduction practices were defined as including modifications in equipment, processes, procedures or technology; reformulation or redesign of products; substitution of raw materials; or improvements in maintenance and inventory controls. All of these practices affect the generation of wastes. Management practices, such as recycling, treatment or disposal that deal with the wastes after they are generated, are not considered source reduction.

Although source reduction is the preferred management method, the PPA recognized that recycling and treatment were viable options when source reduction was not feasible. Thus, the PPA established a hierarchy of waste management options with source reduction first, recycling second and treatment third. Disposal, which is also considered a release to the environment, is viewed only as a last resort, to be employed only if the preferred methods cannot be used. The PPA did not specifically address the combustion of wastes for energy recovery. However, because this option has beneficial aspects similar to recycling or treatment, EPA chose to list this activity in the waste management hierarchy. Energy recovery is preferred over treatment. Figure 14 illustrates the waste management hierarchy used in the TRI. Note that these methods can be used in combinations. The first steps a company should take would be to reduce the source of the waste or pollutant. Secondly, they should try to recycle and reuse the chemical or use it for energy recovery. Some part of the chemical waste stream may still need to be treated or sent off-site for proper disposal. These methods are not exclusive of each other.

On-Site and Off-site Waste Management

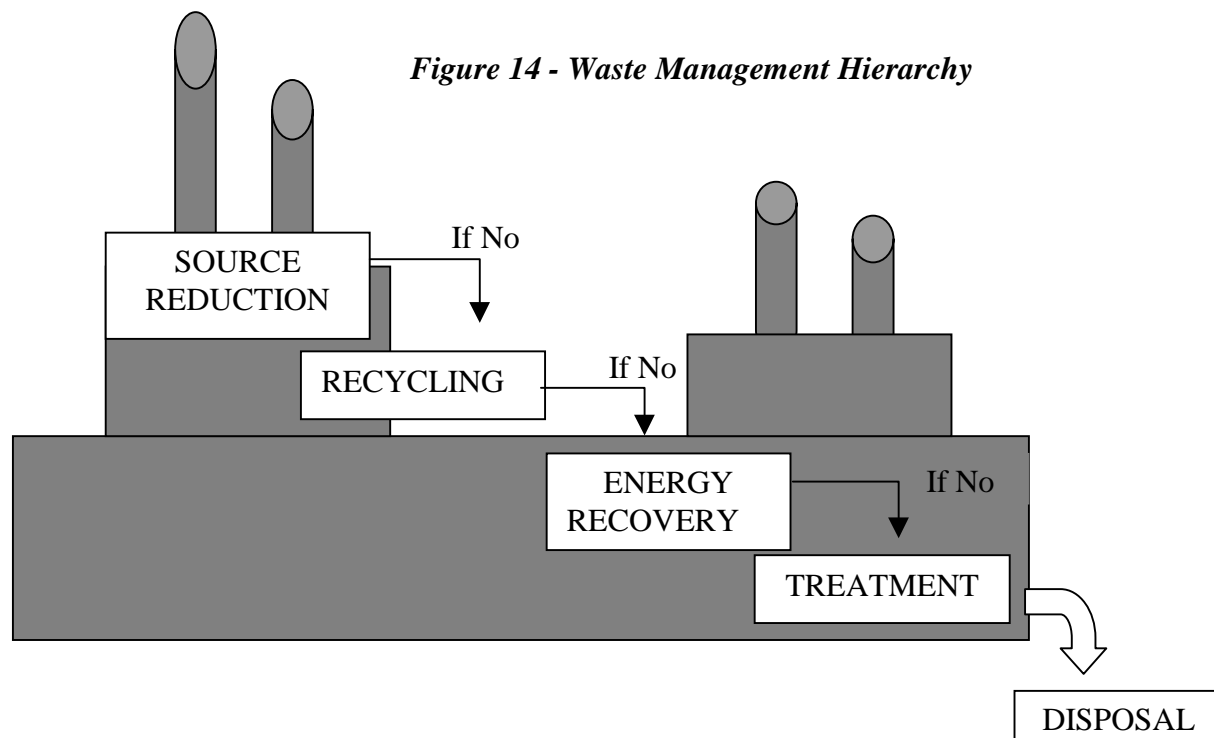
The PPA required that facilities report the quantities of wastes they manage both on-site and off-site through recycling, energy recovery or treatment. This information is reported in Section 8 of the TRI Form R (see Appendix A). Although these methods of waste management are not source reduction, they are preferred over disposal or other releases to the environment.

An analysis of this data was discussed previously in the Trends Analysis section of this report. (See pages 22 to 27.)

Future Projections

The PPA also required industries to report the quantities of wastes managed in the current reporting year and provide projections for the two following years.

The PPA required these projections to encourage facilities to consider their future waste generation, opportunities for source reduction and potential improvements in waste management options. However,



future-year estimates are not commitments that facilities reporting to the TRI must meet.

Table 15 shows the data provided for the 1998 reporting year by the manufacturing sector, and Table 16 shows the data for the new industries.

Examination of Table 15 shows that there is a projected decrease in wastes managed in every category except on-site treatment and off-site energy recovery. On-site and off-site releases are also projected to decrease. Total production related wastes are projected to decrease by approximately 25 million pounds, which equates to a 4.7 percent decrease.

Table 15

Manufacturing Projections of TRI Waste Management - 1998 to 2000

Waste Management Activity	Current Year 1998	Projected 1999	Projected 2000
Recycled On-site	225,246,952	216,846,656	204,814,913
Recycled Off-site	55,347,624	51,701,497	55,274,149
Energy Recovery On-site	97,649,194	93,578,769	93,589,568
Energy Recovery Off-site	11,423,984	13,806,316	13,499,427
Treated On-site	63,212,942	64,367,691	66,794,630
Treated Off-site	12,480,817	11,504,505	11,404,996
Quantity Released On- and Off-site	56,489,931	52,820,468	51,702,956
Total Production Related Wastes	521,851,444	504,625,902	497,080,639

(Units in pounds)

Table 16 for the new industries indicates that their overall releases and wastes managed will increase over the next two

years by approximately 1.6 million pounds, or 1.8 percent.

Table 16

New Industry Projections of TRI Waste Management - 1998 to 2000

Waste Management Activity	Current Year 1998	Projected 1999	Projected 2000
Recycled On-site	667,012	657,457	657,457
Recycled Off-site	1,353,749	1,281,549	1,260,649
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	318,467	347,369	373,528
Treated On-site	8,739,000	8,505,229	8,393,529
Treated Off-site	81,238	75,489	75,159
Quantity Released On- and Off-site	79,414,206	80,829,734	81,429,481
Total Production Related Wastes	90,573,672	91,696,827	92,189,803

(Units in pounds)

Source Reduction Methods

The PPA also required companies to begin reporting what types of methods or source reduction activities they use to achieve or implement source reduction. This data is also reported in Section 8 of the Form R. Companies can report up to four different source reduction codes for each chemical. In 1998, 143 companies reported some type of source reduction activity. This is 22.9 percent of the total number of companies that reported Form R's for that year, which was 624. This is an increase of 32.4 percent over the number that reported in 1997.

From these 143 companies, there were 366 reports received that showed 31 different activity codes. This is only considering the first source reduction code reported for a given chemical. These activity codes applied to 93 different chemicals.

Table 17 lists the activity codes most frequently reported in 1998 and their descriptions. Note that many of the source

reduction codes shown deal with changes that make the facility or process more efficient, such as W13, W14 or W58.

Table 17
Most Frequently Reported SR Activity Codes - 1998

Code	No. of Times Reported	% of Total SR Codes	Code Description	No. of Companies Reporting
W42	53	14.5%	Substitution of Raw Materials	26
W13	53	14.5%	Improved Maintenance Scheduling, Record Keeping or Procedures	29
W52	48	13.1%	Modified Equipment, Layout Or Piping	12
W33	44	12.0%	Installed Overflow Alarms or Automatic Shut-off Valves	1
W19	35	9.6%	Other Changes in Operating Practices	22
W14	18	4.9%	Changed Production Schedule to Minimize Equipment and Feedstock Changeovers	6
W58	15	4.1%	Other Process Modifications	12
W82	14	3.8%	Modified Design or Composition of Products	5
W73	10	2.7%	Substituted Coating Materials Used	5
W49	9	2.5%	Other Raw Material Modifications	8
Totals =	299	81.7%		126

Also, two very important codes that were reported frequently in 1998 were W42, “Substitution of Raw Materials” and W82, “Modified Design or Composition of Products”. These codes are significant because they eliminate or minimize the use of toxic chemicals and, therefore, directly reduce the amount of chemicals that can be released to the environment. These methods can be considered the most efficient means of source reduction.

The codes shown in Table 17 are those that are provided by EPA for use by the reporting facilities. A complete list of the available codes is provided in Appendix G.

The TRI does not directly provide the quantity of reduced releases corresponding to the implementation of these source reduction methods. We only have the overall release trends for comparison. These trends do show a reduction of releases over the last ten years. This trend can be

attributed in part to the source reduction efforts by the reporting facilities.

It may be noted in Table 17 that only one company reported the source reduction code W33, “Installed Overflow Alarms and Automatic Shut-off Valves,” yet this accounted for a large percentage of the reduction methods reported. This is not unrealistic because this company burns a large volume of waste solvents as fuel for their manufacturing process. Overflow alarms and shut-off valves could conceivably effect the releases of many of the chemicals they manage.

Waste Management Trends

In a previous section of this report we looked at the quantities of TRI chemicals managed as wastes both on- and off-site since 1991, the first reporting year for this data. (See pages 22 to 27.) The quantities of TRI chemicals managed through recycling, energy recovery and treatment

were shown in Table 14. This table showed the data for only the manufacturing sectors.

As we found previously, there was a mixture of trends both upward and downward for the various management methods. The single most prominent trend was in on-site recycling which showed an upward trend. This is a positive trend because recycling both conserves valuable resources and protects the environment. It may be a negative trend in that it indicates that the overall usage of toxic chemicals is not decreasing.

Source Reduction Method Trends

Table 18 shows a listing of several of the source reduction codes that have been reported since 1991. This list does not include all of the methods reported but only the major ones. The codes are also listed based on the most prominent ones used in 1991.

Many of the codes listed have been used throughout the period shown. Three codes (W13, W42 and W19) have continued to be prominent methods used by manufacturing companies. As stated above, the W13 and W19 codes are ones used to improve the efficiency of the manufacturing processes. W42, the substitution of raw materials, is especially effective in reducing releases because it eliminates or reduces the use of the listed chemical.

Codes W82 and W33 are listed, not because they were prominent in 1991, but because they were significant in 1998.

Between 1997 and 1998, there has been a marked increase in the number of source reduction codes reported. Review of the data shows that this was not due to the addition of the new industries because only 19 codes reported were from the new industry sectors. The increase between 1997 and 1998 is a very positive trend.

Table 18

Reported Source Reduction Codes by Year

Reporting Year	Total SR1 Codes	Waste Codes										
		W13	W42	W19	W31	W52	W58	W14	W21	W36	W82	W33
1991	583	84	81	67	46	39	38	26	24	19	7	3
1992	490	67	54	64	33	35	22	28	10	25	11	1
1993	463	77	58	64	29	38	21	23	6	13	8	3
1994	368	67	33	58	2	27	28	13	12	14	8	1
1995	296	51	34	46	2	12	12	13	13	6	17	
1996	306	63	37	44		14	18	17	13	2	20	
1997	308	35	28	61		26	16	9	10	6	13	
1998	366	53	53	35	1	48	15	18	7	4	14	44

(Source Reduction Codes and Descriptions are listed in Appendix G)

SUMMARY

Chemicals are a part of our lives. We use chemicals in our homes, in our cars, and in our factories. Chemicals are used to manufacture many of the products we enjoy in our society today. They are used in a variety of ways in our daily lives. However, the proper and safe management of many of these chemicals is essential to protect our environment and our health. This, in part, is the focus of the Toxics Release Inventory (TRI) and the regulations enacted under the Emergency Planning and Community Right-to-Know Act (EPCRA).

However, although environmental regulations and public safety standards offer protection, they cannot guarantee that everyone will be safe from chemical exposures that might harm them. Individuals are also not equally exposed to chemical hazards. Workers in some occupations, people who live in towns surrounded by large manufacturing plants, and those who live near industrial areas have different levels of risk. Community tragedies like the deadly cloud of methyl isocyanate that killed thousands in Bhopal, India, in 1984 underscore the dangers of adjoining industrial and residential areas and the importance of community emergency plans. Becoming knowledgeable about the chemicals that are used or transported in our communities is equally important. Although the TRI only covers a limited range of chemicals and industries, it does provide a valuable tool, creating a starting point for citizens and industries to look at the toxins dispersed and transported in their neighborhoods. Many communities across the nation have used the TRI to open dialogues with industry and regulators, often resulting in actions to cut emissions.

The TRI data can be used in many ways, as long as the limitations of the data are understood. Many uses and ways of looking at the TRI data have been presented in this report. It is hoped that the information that has been presented will help Missouri citizens better understand the chemical hazards that may be present in their communities. It is also hoped that this information will help citizens understand what manufacturing companies are doing to help minimize their exposure and to help them initiate the dialogue needed to make future changes.

APPENDIX A

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM



FORM R

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Approval Expires: 01/01/2001

Page 1 of 5

(IMPORTANT: Type or print; read instructions before completing form)

EPA Form 9350-1 (Rev. 04/97) - Previous editions are obsolete.

EPA FORM R
PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

SECTION 1. TOXIC CHEMICAL IDENTITY

(Important: DO NOT complete this section if you completed Section 2 below.)

- 1.1** CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
- 1.2** Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
- 1.3** Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes". Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY

(Important: DO NOT complete this section if you completed Section 1 above.)

- 2.1** Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

- | 3.1 | Manufacture the toxic chemical: | 3.2 | Process the toxic chemical: | 3.3 | Otherwise use the toxic chemical: |
|-----------------------|---|------------|---|------------|---|
| a. | <input type="checkbox"/> Produce | b. | <input type="checkbox"/> Import | | |
| If produce or import: | | | | | |
| c. | <input type="checkbox"/> For on-site use/processing | a. | <input type="checkbox"/> As a reactant | a. | <input type="checkbox"/> As a chemical processing aid |
| d. | <input type="checkbox"/> For sale/distribution | b. | <input type="checkbox"/> As a formulation component | b. | <input type="checkbox"/> As a manufacturing aid |
| e. | <input type="checkbox"/> As a byproduct | c. | <input type="checkbox"/> As an article component | c. | <input type="checkbox"/> Ancillary or other use |
| f. | <input type="checkbox"/> As an impurity | d. | <input type="checkbox"/> Repackaging | | |

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR

- 4.1** (Enter two-digit code from instruction package.)

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE

		A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	NA <input type="checkbox"/>		
5.2	Stack or point air emissions	NA <input type="checkbox"/>		
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
Stream or Water Body Name				
5.3.1				
5.3.2				
5.3.3				
5.4.1	Underground injection onsite to Class I Wells	NA <input type="checkbox"/>		
5.4.2	Underground injection onsite to Class II-V Wells	NA <input type="checkbox"/>		

If additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box and indicate the Part II, Section 5.3 page number in this box. (example: 1,2,3, etc.)

EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued)

		NA	A. Total Release (pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)
5.5	Disposal to land onsite			
5.5.1A	RCRA Subtitle C landfills	<input type="checkbox"/>		
5.5.1B	Other landfills	<input type="checkbox"/>		
5.5.2	Land treatment/application farming	<input type="checkbox"/>		
5.5.3	Surface Impoundment	<input type="checkbox"/>		
5.5.4	Other disposal	<input type="checkbox"/>		

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS**6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)****6.1.A Total Quantity Transferred to POTWs and Basis of Estimate**

6.1.A.1. Total Transfers (pounds/year) (enter range code* or estimate)	6.1.A.2 Basis of Estimate (enter code)

6.1.B. ____	POTW Name				
POTW Address					
City		State		County	
Zip					
6.1.B. ____	POTW Name				
POTW Address					
City		State		County	
Zip					

If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages

in this box and indicate the Part II, Section 6.1 page number in this box (example: 1,2,3, etc.)**SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS**

6.2. ____	Off-Site EPA Identification Number (RCRA ID No.)				
Off-Site Location Name					
Off-Site Address					
City		State		County	
Zip					
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input type="checkbox"/> No					

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)

A. Total Transfers (pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

6.2. Off-Site EPA Identification Number (RCRA ID No.)

Off-Site location Name

Off-Site Address

City

State

County

Zip

Is location under control of reporting facility or parent company?

☐ Yes☐ No

A. Total Transfers (pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY



Not Applicable (NA) -

Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data ?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
	1 2 3 4 5 6 7 8		%	Yes No <input type="checkbox"/> <input type="checkbox"/>
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 2 3 4 5 6 7 8		%	Yes No <input type="checkbox"/> <input type="checkbox"/>
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 2 3 4 5 6 7 8		%	Yes No <input type="checkbox"/> <input type="checkbox"/>
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 2 3 4 5 6 7 8		%	Yes No <input type="checkbox"/> <input type="checkbox"/>
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 2 3 4 5 6 7 8		%	Yes No <input type="checkbox"/> <input type="checkbox"/>

If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box : (example: 1,2,3, etc)

EPA FORM R
PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES☐

Not Applicable (NA) -

Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1

2

3

4

SECTION 7C. ON-SITE RECYCLING PROCESSES☐

Not Applicable (NA) - Check here if no on-site recycling is applied to any waste

stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

		Column A Prior Year (pounds/year)	Column B Current Reporting Year (pounds/year)	Column C Following Year (pounds/year)	Column D Second Following Year (pounds/year)
8.1	Quantity released **				
8.2	Quantity used for energy recovery onsite				
8.3	Quantity used for energy recovery offsite				
8.4	Quantity recycled onsite				
8.5	Quantity recycled offsite				
8.6	Quantity treated onsite				
8.7	Quantity treated offsite				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				
8.9	Production ratio or activity index				
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)			
8.10.1		a.	b.	c.	
8.10.2		a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	Is additional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				<div>YES</div> <div>NO</div>

** Report releases pursuant to EPCRA Section 329(b) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated onsite or offsite.

APPENDIX B

STANDARD INDUSTRIAL CLASSIFICATION CODES

Appendix B

STANDARD INDUSTRIAL CLASSIFICATION CODES

10 Metal Mining (except 10, 11, 1081 and 1094)

- 1021 Copper Ores
- 1031 Lead and Zinc Ores
- 1041 Gold Ores
- 1044 Silver Ores
- 1061 Ferroalloy Ores, Except Vanadium
- 1099 Miscellaneous Metal Ores, Not Elsewhere Classified

12 Coal Mining (except 1241)

- 1221 Bituminous Coal and Lignite Surface Mining
- 1222 Bituminous Coal Underground Mining
- 1231 Anthracite Mining

20 Food and Kindred Products

- 2011 Meat packing plants
- 2012 Sausages and other prepared meat products
- 2015 Poultry slaughtering and processing
- 2021 Creamery butter
- 2022 Natural, processed, and imitation cheese
- 2023 Dry, condensed and evaporated dairy products
- 2024 Ice cream and frozen desserts
- 2025 Fluid milk
- 2032 Canned specialties
- 2033 Canned fruits, vegetables, preserves, jams and jellies
- 2034 Dried and dehydrated fruits, vegetables, and soup mixes
- 2035 Pickled fruits and vegetables, vegetable sauces and seasonings and salad dressings
- 2037 Frozen fruits, fruit juices and vegetables

- 2038 Frozen specialties, n.e.c.*
- 2041 Flour and other grain mill products
- 2043 Cereal breakfast foods
- 2044 Rice milling
- 2045 Prepared flour mixes and dough's
- 2046 Wet corn milling
- 2047 Dog and cat food
- 2048 Prepared feeds and feed ingredients for animals and fowls, except dogs and cats
- 2051 Bread and other bakery products, except cookies and crackers
- 2052 Cookies and crackers
- 2053 Frozen bakery products, except bread
- 2061 Cane sugar, except refining
- 2062 Cane sugar refining
- 2063 Beet sugar
- 2064 Candy and other confectionery products
- 2066 Chocolate and cocoa products
- 2067 Chewing gum
- 2068 Salted and roasted nuts and seeds
- 2074 Cottonseed oil mills
- 2075 Soybean oil mills
- 2076 Vegetable oil mills, n.e.c.*
- 2077 Animal and marine fats and oils
- 2079 Shortening, table oils, margarine, other edible fats and oils, n.e.c.*
- 2082 Malt beverages
- 2083 Malt
- 2084 Wines, brandy, and brandy spirits
- 2085 Distilled and blended liquors
- 2086 Bottled and canned soft drinks and carbonated waters
- 2087 Flavoring extracts and flavoring syrups, n.e.c.*
- 2091 Canned and cured fish and seafoods
- 2095 Roasted coffee
- 2096 Potato chips, corn chips, and similar snacks
- 2097 Manufactured ice
- 2098 Macaroni, spaghetti, vermicelli and noodles
- 2099 Food preparations, n.e.c.*

21 Tobacco Products

- 2111 Cigarettes
- 2121 Cigars
- 2132 Chewing and smoking tobacco and snuff
- 2141 Tobacco stemming and redrying

22 Textile Mill Products

- 2211 Broadwoven fabric mills, cotton
- 2221 Broadwoven fabric mills, manmade fiber and silk
- 2231 Broadwoven fabric mills, wool (including dyeing and finishing)
- 2241 Narrow fabric and other small wares mills: cotton, wool, silk, and manmade fiber
- 2251 Women's full length and knee length hosiery, except socks
- 2252 Hosiery, n.e.c.*
- 2253 Knit outerwear mills
- 2254 Knit underwear and nightwear mills
- 2257 Weft knit fabric mills
- 2258 Lace and warp knit fabric mills
- 2259 Knitting mills, n.e.c.*
- 2261 Finishers of Broadwoven fabrics of cotton
- 2262 Finishers of Broadwoven fabrics of manmade fiber and silk
- 2269 Finishers of textiles, n.e.c.*
- 2273 Carpets and rugs
- 2281 spinning nulls
- 2282 Yarn texturing, throwing, twisting and winding mills
- 2284 Thread mills
- 2295 Coated fabrics, not rubberized
- 2296 Tire cord and fabrics
- 2297 Non-woven fabrics
- 2298 Cordage and twine
- 2299 Textile goods, n.e.c.*

23 Apparel and Other Finished Products made from Fabrics and Other Similar Materials

- 2311 Men's and boys' suits, coats and overcoats
- 2321 Men's and boys' shirts, except work shirts

- 2322 Men's and boys' underwear and nightwear
- 2323 Men's and boys' neckwear
- 2325 Men's and boys' separate trousers and slacks
- 2326 Men's and boys' work clothing
- 2329 Men's and boys' clothing, n.e.c.*
- 2331 Women's, misses' and juniors' blouses and shirts
- 2335 Women's, misses' and juniors' dresses
- 2337 Women's, misses' and juniors' suits, skirts, and coats
- 2338 Women's, misses' and juniors', outerwear, n.e.c.*
- 2341 Women's, misses', children's and infants' underwear and nightwear
- 2342 Brassieres, girdles and allied garments
- 2353 Hats, caps and millinery
- 2361 Girls', children's and infants' dresses, blouses and shirts
- 2369 Girls', children's and infants' outerwear, n.e.c.*
- 2371 Furgoods
- 2381 Dress and work gloves, except knit and all leather
- 2384 Robes and dressing gowns
- 2385 Waterproof outerwear
- 2386 Leather and sheep lined clothing
- 2387 Apparel belts
- 2388 Apparel and accessories, n.e.c.*
- 2391 Curtains and draperies
- 2392 House furnishings, except curtains and draperies
- 2393 Textile bags
- 2394 Canvas and related products
- 2395 Pleating, decorative and novelty stitching and tucking for the trade
- 2396 Automotive trimmings, apparel findings and related products
- 2397 Schiffli machine embroideries
- 2398 Fabricated textile products, n.e.c.*

24 Lumber and Wood Product, Except Furniture

- 2411 Logging
- 2421 Sawmills and planing mills, general
- 2426 Hardwood dimension and flooring mills
- 2429 Special product sawmills, n.e.c.*
- 2431 Millwork
- 2434 Wood kitchen cabinets
- 2435 Hardwood veneer and plywood
- 2436 Softwood veneer and plywood
- 2439 Structural wood members, n.e.c.*
- 2441 Nailed and lock corner wood boxes and shook
- 2448 Wood pallets and skids
- 2449 Wood containers, n.e.c.*
- 2451 Mobile homes
- 2452 Prefabricated wood buildings and components
- 2491 Wood preserving
- 2493 Reconstituted wood products

2499 Wood products, n.e.c.*

25 Furniture and Fixtures

2511 Wood household furniture, except upholstered
2512 Wood household furniture, upholstered
2514 Metal household furniture
2515 Mattresses, foundations and convertible beds
2517 Wood television, radio, phonograph and sewing machine cabinets
2519 Household furniture, n.e.c.*
2521 Wood office furniture
2522 Office furniture, except wood
2531 Public building and related furniture
2541 Wood office and store fixtures, partitions, shelving and lockers
2542 Office and store fixtures, partitions, shelving and lockers, except wood
2591 Drapery hardware and window blinds and shades
2599 Furniture and fixture, n.e.c.*

26 Paper and Allied Products

2611 Pulp mills
2621 Paper mills
2631 Paperboard mills
2652 Setup paperboard boxes
2653 Corrugated and solid fiber boxes
2655 Fiber cans, tubes, drums similar products
2656 Sanitary food containers, except folding
2657 Folding paperboard boxes, including sanitary
2671 Packaging paper and plastics film, coated and laminated
2672 Coated and laminated paper, n.e.c.*
2673 Plastics, foil, and coated paper bags
2674 Uncoated paper and multi-wall bags
2675 Die-cut paper and paperboard and cardboard
2676 Sanitary paper products
2677 Envelopes
2678 Stationery tablets, and related products
2679 Converted paper and paperboard products, n.e.c.*

27 Printing, Publishing and Allied Industries

2721 Periodicals: publishing, or publishing and printing
2731 Books: publishing, or publishing and printing
2732 Book printing
2741 Miscellaneous publishing
2752 Commercial printing, lithographic

2754 Commercial printing, gravure
2759 Commercial printing, n.e.c.*
2761 Manifold business forms
2771 Greeting cards
2782 Blank books, loose-leaf binders and devices
2789 Bookbinding and related work
2791 Typesetting
2796 Plate making and related services

28 Chemicals and Allied Products

2812 Alkalis and chlorine
2813 Industrial gases
2816 Inorganic pigments
2819 Industrial inorganic chemicals, n.e.c.*
2821 Plastics materials, synthetic resins and non-vulcanizable elastomers
2822 Synthetic rubber (vulcanizable elastomers)
2823 Cellulosic manmade fibers
2824 Manmade organic fibers, except cellulosic
2833 Medicinal chemicals and botanical products
2834 Pharmaceutical preparations
2834 In vitro and in vivo diagnostic substances
2836 Biological products, except diagnostic substances
2841 Soap and other detergents, except specialty cleaners
2842 Specialty cleaning, polishing and sanitation preparations
2843 Surface active agents, finishing agents, sulfonated oils and assistants
2844 Perfumes, cosmetics and other toilet preparations
2851 Paints, varnishes, lacquers, enamels and allied products
2861 Gum and wood chemicals
2865 Cyclic organic crudes and intermediates and organic dyes and pigments
2869 Industrial organic chemicals, n.e.c.*
2873 Nitrogenous fertilizers
2874 Phosphatic fertilizers
2875 Fertilizers, mixing only
2879 Pesticides and agricultural chemicals, n.e.c.*
2891 Adhesives and sealants
2892 Explosives
2893 Printing ink
2895 Carbon black
2899 Chemicals and chemical preparations, n.e.c.*

29 Petroleum Refining and Related Industries

2911 Petroleum refining
2951 Asphalt paving mixtures and blocks
2952 Asphalt felts and coatings
2992 Lubricating oils and greases

2999 Products of petroleum and coal, n.e.c.*

30 Rubber and Miscellaneous Plastics Products

3011 Tires and inner tubes
3021 Rubber and plastics footwear
3052 Rubber and plastics hose and belting
3053 Gaskets, packing, and sealing devices
3061 Molded, extruded and lathe cut mechanical rubber products
3069 Fabricated rubber products, n.e.c.*
3081 Unsupported plastics film and sheet
3082 Unsupported plastics profile shapes
3083 Laminated plastics plate, sheet and profile shapes
3084 Plastics pipe
3085 Plastics bottles
3086 Plastics foam products
3087 Custom compounding of purchased plastics resins
3088 Plastics plumbing fixtures
3089 Plastics products, n.e.c.*

31 Leather and Leather Products

3111 Leather tanning and finishing
3131 Boot and shoe cut stock and findings
3142 House slippers
3143 Men's footwear, except athletic
3144 Women's footwear, except athletic
3149 Footwear, except rubber, n.e.c.*
3151 Leather gloves and mittens
3161 Luggage
3171 Women's handbags and purses
3172 Personal leather goods, except women's handbags and purses
3199 Leather goods, n.e.c.*

32 Stone, Clay, Glass and Concrete Products

3211 Flat glass
3221 Glass containers
3241 Cement, hydraulic
3251 Brick and structural clay tile
3253 Ceramic wall and floor tile
3255 Clay refractories
3259 Structural clay products, n.e.c.*
3261 Vitreous china plumbing fixtures and china and earthenware fittings and bathroom accessories
3262 Vitreous china table and kitchen articles

3263 Fine earthenware (whiteware) table and kitchen articles
3264 Porcelain electrical supplies
3269 Pottery products, n.e.c.*
3271 Concrete block and brick
3272 Concrete products, except block and brick
3273 Ready mixed concrete
3274 Lime
3275 Gypsum products
3281 Cut stone and stone products
3291 Abrasive products
3292 Asbestos products
3295 Minerals and earths, ground or otherwise treated
3296 Mineral wool
3297 Nonclay refractories
3299 Nonmetallic mineral products, n.e.c.*

33 Primary Metal Industries

3313 Electrometallurgical products, except steel
3315 Steel wire drawing, steel nails and spikes
3316 Cold-rolled steel sheet, strip and bars
3317 Steel pipe and tubes
3321 Gray and ductile iron foundries
3322 Malleable iron foundries
3324 Steel investment foundries
3325 Steel foundries, n.e.c.*
3331 Primary smelting and refining of copper
3334 Primary production of aluminum
3339 Primary smelting and refining of nonferrous metals, except copper and aluminum
3341 Secondary smelting and refining of nonferrous metals
3351 Rolling, drawing, and extruding of copper
3353 Aluminum sheet, plate and foil
3354 Aluminum extruded products
3355 Aluminum rolling and drawing, n.e.c.*
3356 Rolling, drawing and extruding of nonferrous metals, except copper and aluminum
3357 Drawing and insulating of nonferrous wire
3363 Aluminum die-castings
3364 Nonferrous die-castings, except aluminum
3365 Aluminum foundries
3366 Copper foundries
3369 Nonferrous foundries, except aluminum and copper
3398 Metal heat treating
3399 Primary metal products, n.e.c.*

34 Fabricated Metal Products, except Machinery and Transportation Equipment

3411 Metal cans

3412 Metal shipping barrels, drums, kegs and pails
 3421 Cutlery
 3423 Hand and edge tools, except machine tools and handsaws
 3425 Handsaws and saw blades
 3429 Hardware, n.e.c.*
 3431 Enameled iron and metal sanitary ware
 3432 Plumbing fixture fittings and trim
 3433 Heating equipment, except electric and warm air furnaces
 3441 Fabricated structural metal
 3442 Metal doors, sash, frames, molding and trim
 3443 Fabricated plate work (boiler shops)
 3444 Sheet metal work
 3446 Architectural and ornamental metal work
 3448 Prefabricated metal buildings and components
 3449 Miscellaneous structural metal work
 3451 Screw machine products
 3452 Bolts, nuts, screws, rivets and washers
 3462 Iron and steel forgings
 3463 Nonferrous forgings
 3465 Automotive Stampings
 3468 Crowns and closures
 3469 Metal stampings, n.e.c.*
 3471 Electroplating, plating, polishing, anodizing and coloring
 3479 Coating, engraving and allied services, n.e.c.*
 3482 Small arms ammunition
 3483 Ammunition, except for small arms
 3484 Small arms
 3489 Ordnance and accessories, n.e.c.*
 3491 Industrial valves
 3492 Fluid power valves and hose fittings
 3493 Steel springs, except wire
 3494 Valves and pipe fittings, n.e.c.*
 3495 Wire springs
 3496 Miscellaneous fabricated wire products
 3497 Metal foil and leaf
 3498 Fabricated pipe and pipe fittings
 3499 Fabricated metal products, n.e.c.*

35 Industrial and Commercial Machinery and Computer Equipment

3511 Steam, gas and hydraulic turbines and turbine generator set units
 3519 Internal combustion engines, n.e.c.*
 3523 Farm machinery and equipment
 3524 Lawn and garden tractors and home lawn and garden equipment
 3531 Construction machinery and equipment

3532 Mining machinery and equipment, except oil and gas field machinery and equipment
 3533 Oil and gas field machinery and equipment
 3534 Elevators and moving stairways
 3535 Conveyors and conveying equipment
 3536 Overhead traveling cranes, hoists and monorail systems
 3537 Industrial trucks, tractors, trailers and stackers
 3541 Machine tools, metal cutting types
 3542 Machine tools, metal forming types
 3543 Industrial patterns
 3544 Special dies and tools, die sets, jigs and fixtures and industrial molds
 3545 Cutting tools, machine tool accessories and machinists' measuring devices
 3546 Power driven handtools
 3547 Rolling mill machinery and equipment
 3548 Electric and gas welding and soldering equipment
 3549 Metalworking machinery, n.e.c.*
 3552 Textile machinery
 3553 Woodworking machinery
 3554 Paper industries machinery
 3555 Printing trades machinery and equipment
 3556 Food products machinery
 3559 Special industry machinery, n.e.c.*
 3561 Pumps and pumping equipment
 3562 Ball and roller bearings
 3563 Air and gas compressors
 3564 Industrial and commercial fans and blowers and air purification equipment
 3565 Packaging equipment
 3566 Speed changers, industrial high speed drives, and gears
 3567 Industrial process furnaces and ovens
 3568 Mechanical power transmission equipment, n.e.c.*
 3569 General industrial machinery and equipment, n.e.c.*
 3571 Electronic computers
 3572 Computer storage devices
 3575 Computer terminals
 3577 Computer peripheral equipment, n.e.c.*
 3578 Calculating and accounting machines, except electronic computers
 3579 Office machines, n.e.c.*
 3581 Automatic vending machines
 3582 Commercial laundry, dry-cleaning and pressing machines
 3585 Air conditioning and warm air heating equipment and commercial and industrial refrigeration equipment
 3586 Measuring and dispensing pumps
 3589 Service industry machinery, n.e.c.*
 3592 Carburetors, pistons, piston rings and valves
 3593 Fluid power cylinders and actuators
 3594 Fluid power pumps and motors

3596 Scales and balances, except laboratory
3599 Industrial and commercial machinery and
equipment, n.e.c.*

36 Electronic and Other Electrical Equipment and Components, except Computer Equipment

3612 Power, distribution, and specialty
transformers
3613 Switchgear and switchboard apparatus
3621 Motors and generators
3624 Carbon and graphite products
3625 Relays and industrial controls
3629 Electrical industrial appliances, n.e.c.*
3631 Household cooking equipment
3632 Household refrigerators and home and farm
freezers
3633 Household laundry equipment
3634 Electrical housewares and fans
3635 Household vacuum cleaners
3639 Household appliances, n.e.c.*
3641 Electric lampbulbs and tubes
3643 Current carrying wiring devices
3644 Noncurrent carrying wiring devices
3645 Residential electric lighting fixtures
3646 Commercial, industrial and institutional
electric lighting fixtures
3647 Vehicular lighting equipment
3648 Lighting equipment, n.e.c.*
3651 Household audio and video equipment
3652 Phonograph records and pre-recorded audio
tapes and disks
3661 Telephone and telegraph apparatus
3663 Radio and television broadcasting and
communications equipment
3669 Communications equipment, n.e.c.*
3671 Electron tubes
3672 Printed circuit boards
3674 Semiconductors and related devices
3675 Electronic capacitors
3676 Electronic resistors
3677 Electronic coils, transformers and other
inductors
3678 Electronic connectors
3679 Electronic components, n.e.c.*
3691 Storage batteries
3692 Primary batteries, dry and wet
3694 Electric equipment for internal combustion
engines
3695 Magnetic and optical recording media
3699 Electrical machinery, equipment and
supplies, n.e.c.*

37 Transportation Equipment

3711 Motor vehicle and passenger car bodies
3713 Truck and bus bodies
3714 Motor vehicle parts and accessories
3715 Truck trailers
3716 Motor homes
3721 Aircraft
3724 Aircraft engines and engine parts
3728 Aircraft parts and auxiliary equipment, n.e.c.*
3731 Ship building and repairing
3732 Boat building and repairing
3743 Railroad equipment
3751 Motorcycles, bicycles and parts
3761 Guided missiles and space vehicles
3764 Guided missile and space vehicle propulsion
units and propulsion unit parts
3769 Guided missile and space vehicle parts and
auxiliary equipment, n.e.c.*
3792 Travel trailers and campers
3795 Tanks and tank components
3799 Transportation equipment, n.e.c.*

38 Measuring, Analyzing and Controlling Instruments; Photographic, Medical and Optical Goods; Watches and Clocks

3812 Search, detection, navigation, guidance,
aeronautical and nautical systems and instruments
3821 Laboratory apparatus and furniture
3822 Automatic controls for regulating residential
and commercial environments and appliances
3823 Industrial instruments for measurement, display,
and control of process variables; and related
products
3824 Totaling fluid meters and counting devices
3825 Instruments for measuring and testing of
electricity and electrical signals
3826 Laboratory analytical instruments
3827 Optical instruments and lenses
3829 Measuring and controlling devices, n.e.c.*
3841 Surgical and medical instruments and apparatus
3842 Orthopedic, prosthetic and surgical appliances
and supplies
3843 Dental equipment and supplies
3844 X-ray apparatus and tubes and related irradiation
apparatus
3845 Electromedical and electrotherapeutic apparatus
3851 Ophthalmic goods

3861 Photographic equipment and supplies
3873 Watches, clocks, clockwork operated
devices, and parts

39 Miscellaneous Manufacturing Industries

3911 Jewelry, precious metal
3914 Silverware, plated ware and stainless steel
ware
3915 Jewelers' findings and materials and lapidary
work
3931 Musical instruments
3942 Dolls and stuffed toys
3944 Games, toys and children's vehicles; except
dolls and bicycles
3949 Sporting and athletic goods, n.e.c.*
3951 Pens, mechanical pencils and parts
3952 Lead pencils, crayons and artists' materials
3953 Marking devices
3955 Carbon paper and inked ribbons
3961 Costume jewelry and costume novelties,
except precious metal
3965 Fasteners, buttons, needles and pins
3991 Brooms and brushes
3993 Signs and advertising specialties
3995 Burial caskets
3996 Linoleum, asphalted-felt-base and other hard
surface floor coverings, n.e.c.*
3999 Nonmanufacturing industries, n.e.c.*

49 Electric, Gas and Sanitary Services (limited to 4911, 4931, 4939 and 4953)

4911 Electric Services (limited to facilities that
combust coal or oil for the purpose of generating
electricity for distribution in commerce)
4931 Electric and Other Services Combined (limited to
facilities that combust coal or oil for the purpose
of generating electricity for distribution in
commerce)
4939 Combination utilities, Not Elsewhere Classified
(limited to facilities that combust coal or oil for
the purpose of generating electricity for
distribution in commerce)
4953 Refuse Systems (limited to facilities regulated
under the RCRA Subtitle C, 42 U.S.C. section
6921 *et seq.*)

51 Wholesale Trade-Nondurable Goods (limited to 5169 and 5171)

5169 Chemical and Allied Products, Not Elsewhere
Classified
5171 Petroleum Terminals and Bulk Stations

73 Business Services (limited to 7389)

7389 Business Services, Not Elsewhere Classified
(limited to facilities primarily engaged in solvents
recovery services on a contract or fee basis)

APPENDIX C

1998 TRI RELEASES
TRANSFERS BY COUNTY
BY COMPANY

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
ADAIR													
	WOLVERINIE WORLD WIDE HY TEST		KIRKSVILLE										
	METHYL ETHYL KETONE			27,084	0	0	27,084	0	1,517	0	0	0	1,517
	TOLUENE			37,536	0	0	37,536	0	0	0	0	0	0
	DIISOCYANATES			0	0	0	0	0	0	0	0	0	0
AUDRAIN													
	A. P. GREEN INDS. INC.		MEXICO										
	PHOSPHORIC ACID			1,400	11,300	700	13,400	0	0	0	0	0	0
	ADM, SOYBEAN PROCESSING PLANT		MEXICO										
	N-HEXANE			102,746	0	0	102,746	250	0	0	0	0	0
	ALCATEL MAGNET WIRE INC.		MEXICO										
	PHENOL			37,170	0	0	37,170	250	19,490	0	0	5	19,495
	COPPER			750	0	0	750	250	0	3,178,930	0	4,050	3,182,980
	N-METHYL-2-PYRROLIDONE			930	0	0	930	5	6,600	0	0	5	6,605
	2,4-DIMETHYLPHENOL			4,000	0	0	4,000	5	2,430	0	0	5	2,435
	N,N-DIMETHYLFORMAMIDE			10	0	0	10	5	1,220	0	0	0	1,220
	XYLENE (MIXED ISOMERS)			22,870	0	0	22,870	250	15,450	0	0	250	15,700
	ETHYLBENZENE			2,000	0	0	2,000	5	1,130	0	0	5	1,135
	P-CRESOL			1,740	0	0	1,740	5	4,650	0	0	250	4,900
	M-CRESOL			2,890	0	0	2,890	5	7,010	0	0	5	7,015
	CRESOL (MIXED ISOMERS)			17,370	0	0	17,370	250	34,020	0	0	5	34,025
	1,2,4-TRIMETHYLBENZENE			3,890	0	0	3,890	5	2,780	0	0	5	2,785
	CERRO COPPER CASTING CO.		MEXICO										
	COPPER COMPOUNDS			2,400	0	2	2,402	1	0	0	0	8	8
	HARBISON-WALKER REFRACTORIES,		VANDALIA										
	CHROMIUM COMPOUNDS			213	0	0	213	0	0	0	0	11,000	11,000
	ETHYLENE GLYCOL			0	0	0	0	0	0	0	0	0	0
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	2,300	2,300
	PHENOL			57	0	0	57	0	0	0	0	800	800
	ALUMINUM (FUME OR DUST)			30	0	0	30	0	0	0	0	3,600	3,600
	NATL. REFRACTORIES & MINERALS		MEXICO										
	CHROMIUM COMPOUNDS			1	981	0	982	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	NORTH AMERICAN REFRACTORIES, C		FARBER										
		ALUMINUM (FUME OR DUST)		5	0	0	5	0	0	0	0	0	0
		PHOSPHORIC ACID		5	0	0	5	0	0	0	0	0	0
		PHENOL		5	0	0	5	0	0	0	0	0	0
		ETHYLENE GLYCOL		5	0	0	5	0	0	0	0	0	0
	ROBERTS CONSOLIDATED		MEXICO										
		METHANOL		141	0	0	141	0	1,054	0	0	0	1,054
	TEVA PHARMACEUTICALS USA		MEXICO										
		PERACETIC ACID		0	0	0	0	0	0	0	0	0	0
		TOLUENE		195,543	0	0	195,543	0	224,873	857,560	0	0	1,082,433
		METHANOL		258,150	0	0	258,150	12,588	4,891,973	0	0	0	4,891,973
		AMMONIA		94,310	0	0	94,310	25,380	0	0	0	0	0
		TRIETHYLAMINE		500	0	0	500	0	0	0	0	0	0
		N,N-DIMETHYLFORMAMIDE		500	0	0	500	250	72,336	0	0	0	72,336
		DICHLOROMETHANE		16,080	0	0	16,080	130	0	0	55,250	0	55,250
		HYDROCHLORIC ACID (1995 AND AFTER		500	0	0	500	5	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	TRUE MFG. CO. INC.		MEXICO										
		1,1-DICHLORO-1-FLUOROETHANE		45,000	0	0	45,000	0	0	0	0	0	0
		CHLORODIFLUOROMETHANE		21,000	0	0	21,000	0	0	0	0	0	0
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
BARRY													
	DAIRY FARMERS OF AMERICA INC.		MONETT										
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	EFCO CORP.		MONETT										
		ETHYLBENZENE		27,215	0	0	27,215	0	3,955	0	0	0	3,955
		DIMETHYL PHTHALATE		33,664	0	0	33,664	0	32,744	0	0	0	32,744
		CHROMIUM		80,000	0	0	80,000	8	0	12,114	0	260	12,374
		DIISOCYANATES		0	0	0	0	0	0	0	0	26,119	26,119
		CERTAIN GLYCOL ETHERS		58,085	0	0	58,085	0	1,909	0	0	0	1,909
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		MANGANESE		0	0	0	0	0	0	1,300	0	0	1,300
		TOLUENE		59,435	0	0	59,435	0	21,752	0	0	0	21,752

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
BARTON		XYLENE (MIXED ISOMERS)		149,165	0	0	149,165	0	32,969	0	0	0	32,969
		METHYL ETHYL KETONE		56,894	0	0	56,894	0	1,530	0	0	0	1,530
	FASCO IND. INC. MOTOR DIV.		CASSVILLE										
		CHROMIUM COMPOUNDS		4	0	0	4	0	0	0	0	750	750
		XYLENE (MIXED ISOMERS)		21,617	0	0	21,617	0	5,334	0	0	0	5,334
	GEORGE'S PROCESSING INC. OF MI		BUTTERFIELD										
		AMMONIA		503	50,375	0	50,878	0	0	0	250	0	250
	INTERNATIONAL DEHYDRATED		MONETT										
		AMMONIA		13,000	0	0	13,000	0	0	0	0	0	0
	JUSTIN BOOT CO.		CARTHAGE										
		TOLUENE		10,878	0	0	10,878	0	0	750	0	0	750
	MONETT METALS INC.		MONETT										
		COPPER		0	0	0	0	0	0	0	0	0	0
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
		NICKEL		0	0	0	0	0	0	0	0	0	0
BARTON	TYSON FOODS INC.		MONETT										
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		AMMONIA		14,760	0	0	14,760	0	0	0	0	0	0
	TYSON FOODS INC. MONETT HATCHE		MONETT										
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
	WELLS ALUMINUM CORP.		MONETT										
		DIISOCYANATES		1	0	0	1	0	0	0	93,600	0	93,600
		METHYL ETHYL KETONE		12,000	0	0	12,000	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		39,000	0	0	39,000	0	69,100	0	0	0	69,100
	WILLOW BROOK FOODS		BUTTERFIELD										
		AMMONIA		57,241	0	0	57,241	0	0	0	0	0	0
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		MANGANESE COMPOUNDS		0	0	0	0	0	0	0	0	0	0
BARTON	O'SULLIVAN INDS. INC.		LAMAR										
		FORMALDEHYDE		35,842	0	0	35,842	0	0	0	0	0	0
	THORCO IND. INC. PLANT II		LAMAR										
		NICKEL COMPOUNDS		250	0	0	250	250	0	2,800	0	0	2,800

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
BATES													
	DOANE PET CARE CO.		BUTLER										
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0
BOONE													
	3M		COLUMBIA										
	COPPER COMPOUNDS			0	0	0	0	750	0	206,880	0	11,350	218,230
	ANTIMONY COMPOUNDS			0	0	0	0	0	0	2,170	0	585	2,755
	PHOSPHORIC ACID			0	0	0	0	5	0	0	530	0	530
	MANGANESE COMPOUNDS			0	0	0	0	35,650	0	0	0	500	500
	NICKEL COMPOUNDS			0	0	0	0	250	0	3,490	0	11,560	15,050
	A. B. CHANCE CO.		CENTRALIA										
	NICKEL			27	0	0	27	0	0	3,526	0	0	3,526
	CHROMIUM			29	0	0	29	0	0	3,770	0	1	3,771
	MANGANESE		128,168	0	0	0	128,168	0	0	22,051	0	0	22,051
	METHYL ETHYL KETONE		13,115	0	0	0	13,115	0	0	0	388	0	388
	COPPER		395	0	0	0	395	0	0	58,000	0	10	58,010
	LEAD		30	0	0	0	30	0	0	0	0	6,512	6,512
	AAF INTL.		COLUMBIA										
	DIISOCYANATES			0	0	0	0	0	0	0	0	0	0
	COLUMBIA MUNICIPAL POWER PLANT		COLUMBIA										
	SULFURIC ACID (1994 AND AFTER "ACID		94,217	0	0	0	94,217	0	0	0	0	0	0
	HYDROCHLORIC ACID (1995 AND AFTER		38,219	0	0	0	38,219	0	0	0	0	0	0
	ZINC COMPOUNDS		177	440,716	0	0	440,893	0	0	0	0	0	0
	DANA CORP.		COLUMBIA										
	N-BUTYL ALCOHOL		13,014	0	0	0	13,014	0	500	0	0	0	500
	SAFETY-KLEEN SYS. (504201)		COLUMBIA										
	ETHYLENE GLYCOL		2	0	0	0	2	0	0	53,450	0	0	53,450
	SQUARE D COMPANY130130		COLUMBIA										
	CHROMIUM		0	0	0	0	0	5	0	2,690	0	0	2,690
	COPPER		0	0	0	0	0	3	0	10,000	0	0	10,000
	NICKEL		0	0	0	0	0	9	0	3,000	0	0	3,000
	MANGANESE		0	0	0	0	0	4	0	154	0	0	154
	TEXTRON AUTOMOTIVE CO.		COLUMBIA										
	DIISOCYANATES		5	0	0	0	5	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
BUCHANAN	N-METHYL-2-PYRROLIDONE			3,846	0	0	3,846	0	2,008	0	0	0	2,008
	AG PROCESSING INC.		SAINT JOSEPH										
	CHLORINE			0	0	0	0	0	0	0	0	0	0
	NICKEL			0	0	0	0	250	0	34,816	0	0	34,816
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0
	N-HEXANE			460,000	0	0	460,000	750	0	0	0	0	0
	ALBAUGH INC.		SAINT JOSEPH										
	XYLENE (MIXED ISOMERS)			4	0	0	4	0	0	0	2,990	0	2,990
	2,4-DB			0	0	0	0	0	0	0	0	0	0
	N-BUTYL ALCOHOL			0	0	0	0	0	0	0	0	0	0
	METHOXONE			0	0	0	0	0	0	0	0	0	0
	ETHYLENE GLYCOL			0	0	0	0	0	0	0	0	0	0
	2,4-D BUTOXYETHYL ESTER			0	0	0	0	0	0	0	0	0	0
	CUMENE			1	0	0	1	0	0	0	2,990	0	2,990
	1,2,4-TRIMETHYLBENZENE			119	0	0	119	0	0	0	59,804	0	59,804
	TRIFLURALIN			122	0	0	122	0	0	0	31,316	167	31,483
	NAPHTHALENE			29	0	0	29	0	0	0	2,516	0	2,516
	DIMETHYLAMINE			47	0	0	47	0	0	0	0	0	0
	2,4-D 2-ETHYLHEXYL ESTER			2,171	0	5	2,176	0	0	0	8,890	0	8,890
	2,4-D			98	0	10	108	0	0	0	5,927	543	6,470
	ALTEC INDS. INC.		SAINT JOSEPH										
	STYRENE			16,770	0	0	16,770	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)			17,114	0	0	17,114	0	0	0	0	0	0
	CRYOVAC INC. SEALED AIR CORP.		SAINT JOSEPH										
	METHYL ETHYL KETONE			7,500	0	0	7,500	0	4,330	0	0	0	4,330
	FRISKIES PETCARE		SAINT JOSEPH										
	PHOSPHORIC ACID			0	0	0	0	750	0	0	0	4	4
	ZINC (FUME OR DUST)			0	0	0	0	0	0	0	0	0	0
	HILLYARD IND. INC.		SAINT JOSEPH										
	PHOSPHORIC ACID			115	0	0	115	482	0	0	0	0	0
	CERTAIN GLYCOL ETHERS			538	0	0	538	2,445	0	0	0	0	0
	ETHYLENE GLYCOL			50	0	0	50	252	0	0	0	0	0
	HPI PRODS. INC.		SAINT JOSEPH										
	DIETHANOLAMINE			0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		ACEPHATE		0	0	0	0	0	0	0	0	0	0
		CAPTAN		0	0	0	0	0	0	0	0	0	0
		DIAZINON		0	0	0	0	0	0	0	0	0	0
	JOHNSON CONTROLS BATTERY		SAINT JOSEPH										
		ARSENIC COMPOUNDS		0	0	0	0	0	0	9,565	0	0	9,565
		ANTIMONY COMPOUNDS		7	0	0	7	0	0	136,140	0	0	136,140
		LEAD COMPOUNDS		502	0	0	502	8	0	13,887,53	0	649	13,888,18
	NUFARM INC.		SAINT JOSEPH										
		1,2,4-TRIMETHYLBENZENE		255	0	0	255	0	0	0	0	0	0
		ATRAZINE		255	0	0	255	0	0	0	9	0	9
		BROMOXYNIL OCTANOATE		1,556	0	0	1,556	0	0	0	40	0	40
		XYLENE (MIXED ISOMERS)		255	0	0	255	0	0	0	13	0	13
		2,4-D BUTOXYETHYL ESTER		255	0	0	255	0	0	0	0	0	0
		2,4-D 2-ETHYLHEXYL ESTER		755	0	0	755	0	0	0	0	0	0
		S,S,S-TRIBUTYLTRITHIOPHOSPHATE		250	0	0	250	0	0	0	52	0	52
		METHOXONE		755	0	0	755	0	0	0	22	0	22
		NAPHTHALENE		255	0	0	255	0	0	0	0	0	0
		ETHYLBENZENE		250	0	0	250	0	0	0	0	0	0
		2,4-D		250	0	0	250	0	0	0	250	0	250
	OMNIUM L.L.C.		SAINT JOSEPH										
		NAPHTHALENE		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		2,4-D		0	0	0	0	15	0	0	3,750	0	3,750
		CYANAZINE		54	0	0	54	5	0	0	27,200	0	27,200
		METRIBUZIN		0	0	0	0	0	0	0	0	0	0
		FLUOMETURON		27	0	0	27	220	0	0	6,300	0	6,300
		METHYL ISOBUTYL KETONE		61,000	0	0	61,000	100	0	0	3,310	0	3,310
		N-METHYL-2-PYRROLIDONE		16	0	0	16	0	0	0	3,750	0	3,750
		PROMETRYN		12	0	0	12	0	0	0	35,060	0	35,060
		PROPACHLOR		2	0	0	2	17	0	0	6,140	0	6,140
		SIMAZINE		12	0	0	12	0	0	0	1,550	0	1,550
		TRIFLURALIN		0	0	0	0	0	0	0	350	0	350
		2-METHYLLACTONITRILE		0	0	0	0	0	0	0	0	0	0
		ACEPHATE		0	0	0	0	0	0	0	0	0	0
		AMETRYN		0	0	0	0	0	0	0	0	0	0
		AMMONIA		0	0	0	0	0	0	0	0	0	0
		DIMETHYLAMINE		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
BUTLER		ATRAZINE		140	0	0	140	170	0	0	27,200	0	27,200
		DIURON		0	0	0	0	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		15,700	0	0	15,700	9	0	0	2,950	0	2,950
	PRIME TANNING CORP.		SAINT JOSEPH										
		PHOSPHORIC ACID		5	0	0	5	0	0	0	0	0	0
		AMMONIA		0	0	5	5	173,000	0	0	0	900	900
		CHROMIUM COMPOUNDS		6	0	5	11	658	0	0	0	161,950	161,950
		CERTAIN GLYCOL ETHERS		210	0	5	215	1,270	0	0	0	32,125	32,125
	PURINA MILLS INC.		SAINT JOSEPH										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
BUTLER		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		MANGANESE COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	SILGAN CONTAINERS MFG. CORP.		SAINT JOSEPH										
		METHYL ETHYL KETONE		71,408	0	0	71,408	0	89,998	0	0	0	89,998
		CERTAIN GLYCOL ETHERS		103,126	0	0	103,126	0	36,014	0	0	0	36,014
		N-BUTYL ALCOHOL		163,318	0	0	163,318	0	18,870	0	0	0	18,870
		METHYL ISOBUTYL KETONE		2,432	0	0	2,432	0	1,012	0	0	0	1,012
		ETHYLBENZENE		2,482	0	0	2,482	0	1,032	0	0	0	1,032
		1,2,4-TRIMETHYLBENZENE		14,153	0	0	14,153	0	13,852	0	0	0	13,852
		XYLENE (MIXED ISOMERS)		13,720	0	0	13,720	0	5,734	0	0	0	5,734
BUTLER	ST. JOSEPH LIGHT & POWER-LAKE		SAINT JOSEPH										
		ZINC COMPOUNDS		322	0	232	554	0	0	0	0	0	0
		BARIUM COMPOUNDS		1,461	0	872	2,333	0	0	0	0	0	0
		HYDROGEN FLUORIDE		50,699	0	0	50,699	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		456,657	0	0	456,657	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		114,100	0	0	114,100	0	0	0	0	0	0
	VP BUILDINGS INC.		SAINT JOSEPH										
		XYLENE (MIXED ISOMERS)		34,330	0	0	34,330	0	45	0	0	0	45
		1,2,4-TRIMETHYLBENZENE		39,535	0	0	39,535	0	8	0	0	0	8
		ETHYLBENZENE		10,211	0	0	10,211	0	16	0	0	0	16
BUTLER	WIRE ROPE CORP. OF AMERICA, IN		SAINT JOSEPH										
		NITRIC ACID		100	0	0	100	5	0	0	0	0	0
		PHOSPHORIC ACID		100	0	0	100	250	0	0	0	0	0
	BRIGGS & STRATTON CORP.		POPLAR BLUFF										

				On-site Releases (Pounds)				Off-site Transfers (Pounds)					
COUNTY	FACILITY	CHEM_NAME	CITY	AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		NITRIC ACID		1,358	0	0	1,358	0	0	0	0	0	0
		NITRATE COMPOUNDS		0	0	0	0	222,704	0	0	0	0	0
		COPPER		66	0	0	66	6	0	156,678	0	0	156,678
		NICKEL COMPOUNDS		4	0	0	4	22	0	0	0	14,661	14,661
		HYDROGEN FLUORIDE		68	0	0	68	0	0	0	0	0	0
		ZINC COMPOUNDS		195	0	0	195	95	0	0	0	14,651	14,651
		XYLENE (MIXED ISOMERS)		2,763	0	0	2,763	0	60	0	0	0	60
		TOLUENE		2,138	0	0	2,138	0	30	0	0	0	30
		N-BUTYL ALCOHOL		16,551	0	0	16,551	0	30	0	0	0	30
	ESSEX SPECIALTY PRODS. INC.			POPLAR BLUFF									
		TOLUENE		1,120	0	0	1,120	0	13,200	0	0	0	13,200
		DIISOCYANATES		0	0	0	0	0	44	0	0	0	44
	GATES RUBBER CO.			POPLAR BLUFF									
		ZINC COMPOUNDS		0	0	250	250	250	0	0	0	112,666	112,666
	GATES RUBBER CO. - REFURBISHIN			POPLAR BLUFF									
		ZINC COMPOUNDS		0	0	250	250	5	0	0	0	15,656	15,656
	ROWE FURNITURE			POPLAR BLUFF									
		METHANOL		11,572	0	0	11,572	0	0	0	0	0	0
	CALLAWAY												
	A. P. GREEN INDS. INC.			FULTON									
		PHOSPHORIC ACID		783	0	0	783	0	0	0	0	0	0
	CAMDEN												
	ALL FAMILY CRAFT INC.			RICHLAND									
		STYRENE		3,333	0	0	3,333	0	0	0	0	750	750
	CHARGER INC.			RICHLAND									
		STYRENE		9,188	0	0	9,188	0	0	0	0	750	750
	CAPE GIRARDEAU												
	ARI INC.			JACKSON									
		NICKEL		0	0	0	0	0	0	15,495	0	0	15,495
		MANGANESE		78	0	0	78	0	0	20,671	0	0	20,671
BIOKYOWA INC.				CAPE GIRARDEAU									
		SULFURIC ACID (1994 AND AFTER "ACID		247	0	0	247	0	0	0	0	0	0
		NITRIC ACID		207	0	0	207	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		1,505	0	0	1,505	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	AMMONIA			4,472	219,541	463,288	687,301	0	0	0	0	0	0
	DANA CORP.		CAPE GIRARDEAU										
	NICKEL			0	0	0	0	5	0	0	0	0	0
	COPPER			0	0	0	0	5	0	0	0	0	0
	METHANOL			750	0	0	750	0	0	0	0	0	0
	FLORSHEIM GROUP INC.		CAPE GIRARDEAU										
	TOLUENE			10,825	0	0	10,825	0	500	0	0	0	500
	FOAMEX L.P.		CAPE GIRARDEAU										
	ZINC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	THIRAM			0	0	0	0	0	0	0	0	0	0
	LEE ROWAN CO.		JACKSON										
	NICKEL			0	0	0	0	250	0	0	0	1,779	1,779
	LONE STAR INDS. INC.		CAPE GIRARDEAU										
	ETHYLBENZENE			255	0	0	255	0	0	0	0	0	0
	METHYL ETHYL KETONE			500	0	0	500	0	0	0	0	0	0
	METHYL ISOBUTYL KETONE			10	0	0	10	0	0	0	0	0	0
	METHYL METHACRYLATE			10	0	0	10	0	0	0	0	0	0
	PHENOL			10	0	0	10	0	0	0	0	0	0
	TOLUENE			500	0	0	500	0	0	0	0	0	0
	O-XYLENE			255	0	0	255	0	0	0	0	0	0
	HYDROCHLORIC ACID (1995 AND AFTER			36,800	0	0	36,800	0	0	0	0	0	0
	CYCLOHEXANE			10	0	0	10	0	0	0	0	0	0
	TETRACHLOROETHYLENE			0	0	0	0	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)			500	0	0	500	0	0	0	0	0	0
	TRICHLOROETHYLENE			0	0	0	0	0	0	0	0	0	0
	DICHLOROMETHANE			0	0	0	0	0	0	0	0	0	0
	CHROMIUM COMPOUNDS			250	250	0	500	0	0	2,000	0	0	2,000
	CUMENE			10	0	0	10	0	0	0	0	0	0
	BARIUM COMPOUNDS			5	750	0	755	0	0	0	0	0	0
	LEAD COMPOUNDS			5	4,300	0	4,305	0	0	0	0	0	0
	BIPHENYL			10	0	0	10	0	0	0	0	0	0
	M & W PACKAGING U.S. INC.		JACKSON										
	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	DIISOCYANATES			0	0	0	0	0	0	0	0	0	0
	OZONE			0	0	0	0	0	0	0	0	0	0
	SAFETY-KLEEN SYS. (503001)		CAPE GIRARDEAU										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	ETHYLENE GLYCOL			4	0	0	4	0	0	132,996	0	0	132,996
CARROLL													
	<i>CARROLLTON STATION & TERMINAL</i>		CARROLLTON										
	ETHYLBENZENE			185	0	0	185	0	0	0	0	0	0
	TOLUENE			1,574	0	0	1,574	0	0	0	0	0	0
	1,2,4-TRIMETHYLBENZENE			233	0	0	233	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)			1,079	0	0	1,079	0	0	0	0	0	0
	N-HEXANE			1,240	0	0	1,240	0	0	0	0	0	0
	BENZENE			825	0	0	825	0	0	0	0	0	0
	<i>RICHARD COX MFG. CO.</i>		CARROLLTON										
	XYLENE (MIXED ISOMERS)			12,000	0	0	12,000	0	0	0	0	0	0
CARTER													
	<i>ROYAL OAK ENT. INC., ELLSINORE</i>		ELLSINORE										
	METHANOL			3,294,720	0	0	3,294,720	0	0	0	0	0	0
CASS													
	<i>SOUTHEAST WOOD</i>		PLEASANT HILL										
	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	CHROMIUM COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	ARSENIC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	<i>UNIVERSAL FOREST PRODS. SO</i>		HARRISONVILLE										
	CHROMIUM COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	ARSENIC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
CEDAR													
	<i>DAIRY FARMERS OF AMERICA INC.</i>		EL DORADO SPRINGS										
	NITRIC ACID			0	0	0	0	5	0	0	0	0	0
CHARITON													
	<i>CUSTOM COMPOSITES CO. INC.</i>		SALISBURY										
	STYRENE			7,274	0	0	7,274	0	0	0	500	0	500
CHRISTIAN													
	<i>FIOCCHI OF AMERICA INC.</i>		OZARK										
	LEAD			40	0	0	40	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
LIBERTY IND.	WILCORP INDS. INC.	ANTIMONY COMPOUNDS	OZARK	5	0	0	5	0	0	0	0	0	0
		STYRENE		3,130	0	0	3,130	0	0	0	0	795	795
			BILLINGS										
		XYLENE (MIXED ISOMERS)		1	0	0	1	0	20	0	143	5	168
		METHYL ISOBUTYL KETONE		1	0	0	1	0	24	0	1,686	6	1,716
		TOLUENE		160	0	0	160	0	252	0	1,782	63	2,097
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	303	303
		CYCLOHEXANE		22	0	0	22	0	29	0	208	7	244
		METHANOL		4	0	0	4	0	11	0	77	3	91
		METHYL ETHYL KETONE		206	0	0	206	0	268	0	1,844	67	2,179
		DIISOCYANATES		0	0	0	0	0	12	0	88	3	103
		N-HEXANE		61	0	0	61	0	43	0	298	11	352
CLAY	ADM, PROCESSING		NORTH KANSAS CITY										
		N-HEXANE		247,402	0	0	247,402	5	0	0	0	0	0
			KANSAS CITY										
		NAPHTHALENE		0	0	0	0	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		27	0	0	27	0	490	0	0	0	490
		XYLENE (MIXED ISOMERS)		89	0	0	89	0	480	0	0	0	480
		METHANOL		1,002	0	0	1,002	0	1,033	0	0	0	1,033
		N-HEXANE		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		METHYL ETHYL KETONE		0	0	0	0	0	0	0	0	0	0
		TOLUENE		952	0	0	952	0	1,630	0	0	0	1,630
		CUMENE		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		DIBUTYL PHTHALATE		0	0	0	0	0	0	0	0	0	0
		DI(2-ETHYLHEXYL) PHTHALATE		0	0	0	0	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		0	0	0	0	0	0	0	0	0	0
		STYRENE		0	0	0	0	0	0	0	0	0	0
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
	COOK COMPOSITES & POLYMERS CO.		NORTH KANSAS CITY										
		4,4'-METHYLENEDIANILINE		10	0	0	10	0	0	0	0	0	0
		STYRENE		14,193	0	0	14,193	5	75,364	0	0	3,063	78,427

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		XYLENE (MIXED ISOMERS)		255	0	0	255	0	43,722	0	0	26,427	70,149
		PHTHALIC ANHYDRIDE		255	0	0	255	0	3,158	0	0	132	3,290
		MALEIC ANHYDRIDE		500	0	0	500	0	1,956	0	0	132	2,088
		METHYL METHACRYLATE		4,592	0	0	4,592	0	5,404	0	0	0	5,404
	DAVIS PAINT CO.		NORTH KANSAS CITY										
		XYLENE (MIXED ISOMERS)		9,200	0	0	9,200	0	119,447	0	0	0	119,447
		ETHYLBENZENE		1,842	0	0	1,842	0	7,465	0	0	0	7,465
		ETHYLENE GLYCOL		255	0	0	255	0	0	0	0	0	0
		METHYL ETHYL KETONE		784	0	0	784	0	7,465	0	0	0	7,465
		TOLUENE		1,463	0	0	1,463	0	1,493	0	0	0	1,493
	DOUGLAS PRODS. & PACKAGING		LIBERTY										
		METHANOL		0	0	0	0	0	0	0	0	0	0
		CHLOROPICRIN		0	0	0	0	0	0	0	0	0	0
		MALATHION		0	0	0	0	0	0	0	0	0	0
	EARL CAMPBELL MFG. CO.		NORTH KANSAS CITY										
		N-BUTYL ALCOHOL		558	0	0	558	0	604	0	0	0	604
		METHYL ETHYL KETONE		681	0	0	681	0	738	0	0	0	738
		METHYL ISOBUTYL KETONE		419	0	0	419	0	504	0	0	0	504
		XYLENE (MIXED ISOMERS)		587	0	0	587	0	636	0	0	0	636
		TOLUENE		2,498	0	0	2,498	0	2,706	0	0	0	2,706
	ECOLAB INC.		NORTH KANSAS CITY										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		FORMALDEHYDE		0	0	0	0	0	0	0	0	0	0
		SODIUM DIMETHYLDITHIOCARBAMATE		0	0	0	0	0	0	0	0	0	0
	FORD MOTOR CO., KANSAS CITY		CLAYCOMO										
		XYLENE (MIXED ISOMERS)		1,165,000	0	0	1,165,000	5	120,000	470,000	0	6,000	596,000
		MANGANESE COMPOUNDS		4	0	0	4	520	0	0	0	8,270	8,270
		METHANOL		19,600	0	0	19,600	5	3,600	0	0	0	3,600
		NITRATE COMPOUNDS		0	0	0	0	41,000	0	0	0	0	0
		ZINC COMPOUNDS		257	0	0	257	360	0	0	0	23,510	23,510
		NICKEL COMPOUNDS		43	0	0	43	700	0	0	0	15,240	15,240
		1,2,4-TRIMETHYLBENZENE		41,430	0	0	41,430	5	11,000	22,000	0	15	33,015
		METHYL ISOBUTYL KETONE		538,000	0	0	538,000	5	29,000	360,000	0	0	389,000
		TOLUENE		41,600	0	0	41,600	5	5,400	26,000	0	0	31,400
		N-BUTYL ALCOHOL		66,500	0	0	66,500	5	10,000	38,000	0	0	48,000

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		LEAD COMPOUNDS		0	0	0	0	160	0	0	0	1,425	1,425
		CERTAIN GLYCOL ETHERS		97,700	0	0	97,700	9,900	14,000	0	0	10	14,010
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		PROPYLENE		5	0	0	5	0	0	0	0	0	0
		DIISOCYANATES		5	0	0	5	0	0	0	0	0	0
		SODIUM NITRITE		0	0	0	0	15,000	0	0	0	0	0
		N-HEXANE		239	0	0	239	0	0	0	0	0	0
		CYCLOHEXANE		14	0	0	14	0	0	0	0	0	0
		N-METHYL-2-PYRROLIDONE		38,370	0	0	38,370	250	12,000	0	0	15	12,015
		BENZENE		371	0	0	371	0	0	0	0	0	0
		ETHYLBENZENE		297,000	0	0	297,000	5	29,000	96,000	0	2,800	127,800
		NITRIC ACID		5	0	0	5	0	0	0	0	0	0
		METHYL ETHYL KETONE		17,500	0	0	17,500	5	790	790	0	0	1,580
		METHYL TERT-BUTYL ETHER		3,600	0	0	3,600	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	6,500	0	0	0	0	0
	GILMOUR MFG.		EXCELSIOR SPRINGS										
		DI(2-ETHYLHEXYL) PHTHALATE		0	0	0	0	0	0	0	0	88,221	88,221
	GO/DAN IND.		NORTH KANSAS CITY										
		LEAD		0	0	0	0	0	0	0	0	0	0
		COPPER		0	0	0	0	0	0	0	0	0	0
	HERITAGE ENVIRONMENTAL SERVICE		KANSAS CITY										
		NITRATE COMPOUNDS		0	0	0	0	24	0	0	30,000	0	30,000
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
	JESCO RESOURCES INC.		NORTH KANSAS CITY										
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	0	0	559	559
		TRICHLOROETHYLENE		359	0	0	359	5	0	0	510	0	510
	NATL. STARCH & CHEMICAL CO.		NORTH KANSAS CITY										
		AMMONIA		0	0	0	0	0	0	0	0	0	0
		PROPYLENE OXIDE		2,599	0	0	2,599	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
	PRAXAIR SURFACE TECHS. INC.		NORTH KANSAS CITY										
		NITRIC ACID		150	0	0	150	0	0	0	29,164	0	29,164
	SAMUEL BINGHAM CO.		NORTH KANSAS CITY										
		DI(2-ETHYLHEXYL) PHTHALATE		0	0	0	0	0	0	0	0	34,200	34,200
	SERICOL INC.		NORTH KANSAS CITY										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
CLINTON		CERTAIN GLYCOL ETHERS		7,186	0	0	7,186	0	1,800	0	0	0	1,800
		N-METHYL-2-PYRROLIDONE		1,716	0	0	1,716	0	250	0	0	0	250
		1,2,4-TRIMETHYLBENZENE		6,689	0	0	6,689	0	0	1,400	0	0	1,400
	SOUTHWEST TECHS. INC.		NORTH KANSAS CITY										
		ACRYLAMIDE		0	0	0	0	0	0	0	0	0	0
	STAR BOARDS INC.		NORTH KANSAS CITY										
		STYRENE		6,700	0	0	6,700	0	0	0	0	8,850	8,850
	TNEMEC CO. INC.		NORTH KANSAS CITY										
		ZINC (FUME OR DUST)		750	0	0	750	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		51,320	0	0	51,320	0	69,792	0	0	0	69,792
		ZINC COMPOUNDS		50	0	0	50	0	750	0	0	0	750
		DIISOCYANATES		5	0	0	5	0	0	0	0	0	0
		BARIUM COMPOUNDS		35	0	0	35	0	750	0	0	0	750
		ETHYLBENZENE		8,340	0	0	8,340	0	12,347	0	0	0	12,347
		STYRENE		1,363	0	0	1,363	0	3,011	0	0	0	3,011
		CERTAIN GLYCOL ETHERS		1,142	0	0	1,142	0	0	0	0	0	0
		METHYL ETHYL KETONE		5,445	0	0	5,445	0	6,927	0	0	0	6,927
		METHYL ISOBUTYL KETONE		18,460	0	0	18,460	0	32,148	0	0	0	32,148
		N-BUTYL ALCOHOL		13,795	0	0	13,795	0	23,339	0	0	0	23,339
	VARIFORM INC.		KEARNEY										
		MANGANESE COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	VERTEX PLASTICS INC.		KEARNEY										
		STYRENE		7,014	0	0	7,014	0	500	0	0	0	500
	WALSH & ASSOCIATES		NORTH KANSAS CITY										
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
		LEAD		0	0	0	0	0	0	0	0	0	0
	WELCO MFG. CO. INC.		NORTH KANSAS CITY										
	ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0	
CLINTON													
MIDWEST HANGER CO.		CAMERON											
	NICKEL		0	0	0	0	0	0	0	0	0	0	
	MANGANESE		0	0	0	0	0	0	0	0	0	0	
	CHROMIUM		0	0	0	0	0	0	0	0	0	0	

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
COLE													
	ABB POWER T & D CO. INC.		JEFFERSON CITY										
		XYLENE (MIXED ISOMERS)		1,027	0	0	1,027	0	0	10,236	0	0	10,236
		METHYL ETHYL KETONE		14,940	0	0	14,940	0	0	29,132	0	0	29,132
		PHOSPHORIC ACID		26,232	0	0	26,232	0	0	0	0	0	0
		COPPER		5	0	0	5	250	0	130,315	0	1,308	131,623
		MANGANESE		5	0	0	5	5	0	37,793	0	280	38,073
		NICKEL		5	0	0	5	250	0	29,112	0	0	29,112
		CHROMIUM		5	0	0	5	250	0	28,782	0	0	28,782
	DELONG'S INC.		JEFFERSON CITY										
		MANGANESE		1,000	0	0	1,000	5	0	11,269	0	250	11,519
		NICKEL		10	0	0	10	5	0	4,508	0	250	4,758
		ZINC (FUME OR DUST)		250	0	0	250	0	0	0	0	250	250
		PROPYLENE		0	0	0	0	0	0	0	0	0	0
	JEFFERSON CITY TERMINAL		JEFFERSON CITY										
		1,2,4-TRIMETHYLBENZENE		255	0	5	260	5	0	0	0	0	0
		BENZENE		2,550	0	5	2,555	5	0	0	0	0	0
		N-HEXANE		3,950	0	5	3,955	5	0	0	0	0	0
		ETHYLBENZENE		255	0	5	260	250	0	0	0	0	0
		TOLUENE		4,350	0	5	4,355	750	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		1,750	0	0	1,750	250	0	0	0	0	0
		PROPYLENE		500	0	0	500	0	0	0	0	0	0
		METHYL TERT-BUTYL ETHER		4,650	0	5	4,655	5	0	0	0	0	0
	JOHNSON CONTROLS INC.		JEFFERSON CITY										
		TOLUENE DIISOCYANATE (MIXED		163	5	0	168	0	0	0	729	0	729
		DIETHANOLAMINE		1,739	5	0	1,744	0	0	0	1,525	5	1,530
	MAYTAG APPLIANCES JC6		JEFFERSON CITY										
		LEAD COMPOUNDS		4	0	0	4	0	0	12,105	0	3	12,108
		DI(2-ETHYLHEXYL) PHTHALATE		4	0	0	4	0	0	0	0	176	176
		COPPER		10	0	0	10	0	0	22,338	0	0	22,338
	MODINE MFG. CO.		JEFFERSON CITY										
		LEAD		315	0	250	565	14	0	144,558	6	2,179	146,743
		COPPER		38	0	5	43	11	0	464,875	1	2,953	467,829
		HYDROCHLORIC ACID (1995 AND AFTER		98	0	0	98	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		45,191	0	0	45,191	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	UNILEVER HPC - USA		JEFFERSON CITY										
	ZINC COMPOUNDS		6		0	0	6	250	0	0	0	584	584
	VON HOFFMANN PRESS INC.		JEFFERSON CITY										
	CERTAIN GLYCOL ETHERS		4,905		0	0	4,905	255	0	0	0	0	0
COOPER													
	CATERPILLAR BOONVILLE FACILITY		BOONVILLE										
	ZINC COMPOUNDS		255		0	0	255	0	0	0	0	375	375
	PHOSPHORIC ACID		0		0	0	0	0	0	0	270	0	270
	XYLENE (MIXED ISOMERS)		18,203		0	0	18,203	0	0	0	900	0	900
	TOLUENE		10,637		0	0	10,637	0	0	0	576	0	576
	NORDYNE INC.		BOONVILLE										
	COPPER		0		0	0	0	0	0	91,936	0	0	91,936
	CHLORODIFLUOROMETHANE		32,000		0	0	32,000	0	0	0	0	0	0
	TOASTMASTER INC.		BOONVILLE										
	TRICHLOROETHYLENE		35,386		0	0	35,386	0	0	4,880	0	0	4,880
CRAWFORD													
	BW FREEMAN INC.		CUBA										
	N-METHYL-2-PYRROLIDONE		204		0	0	204	0	0	0	0	0	0
	DIISOCYANATES		45		0	0	45	0	0	0	0	0	0
	ETHYLENE GLYCOL		45		0	0	45	0	0	0	0	0	0
	MAR-BAL INC.		CUBA										
	STYRENE		5,181		0	0	5,181	0	0	0	0	0	0
	OLIN CORP. - FINEWELD TUBE FAC		CUBA										
	COPPER		0		0	5	5	4	0	534	0	0	534
	MANGANESE		0		0	0	0	0	0	0	0	0	0
	NICKEL		0		0	0	0	0	0	0	0	0	0
DALLAS													
	PETIT JEAN POULTRY		BUFFALO										
	AMMONIA		0		0	0	0	0	0	0	0	0	0
DAVISS													
	LANDMARK MFG. CORP.		GALLATIN										
	CERTAIN GLYCOL ETHERS		9,583		0	0	9,583	0	1,737	0	0	0	1,737
	CHROMIUM		0		0	0	0	0	0	9,092	0	0	9,092

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	<i>PREMIUM STANDARD FARMS COFFEY</i>		PATTONSBURG										
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
DENT													
	<i>ROYAL OAK ENT. INC.</i>		SALEM										
		METHANOL		0	0	0	0	0	0	0	0	0	0
DUNKLIN													
	<i>AMERICAN RAILCAR IND. INC.</i>		KENNETT										
		MANGANESE		0	0	0	0	0	0	0	0	0	0
	<i>EMERSON ELECTRIC COMPANY130130</i>		KENNETT										
		NICKEL		0	0	0	0	0	0	1,901	0	0	1,901
		N-BUTYL ALCOHOL		15,402	0	0	15,402	0	113	0	0	0	113
		ETHYLBENZENE		13,636	0	0	13,636	0	2,513	0	0	0	2,513
		XYLENE (MIXED ISOMERS)		64,098	0	0	64,098	0	11,658	0	0	0	11,658
		COBALT		0	0	0	0	0	0	141	0	0	141
		CHROMIUM		0	0	0	0	0	0	2,113	0	0	2,113
		COPPER		0	5	0	5	0	0	0	0	113,063	113,063
		DIISOCYANATES		250	0	0	250	0	0	0	300	0	300
		MANGANESE		0	0	0	0	0	0	423	0	0	423
	<i>FEDERAL MOGUL CORP.</i>		MALDEN										
		MANGANESE		401	0	24	425	250	0	28,392	0	1,722	30,114
		NICKEL		319	0	24	343	250	0	12,983	0	787	13,770
		COPPER		848	0	6	854	250	0	112,463	0	6,818	119,281
	<i>OSCEOLA PRODS. CO.</i>		KENNETT										
		N-HEXANE		262,120	0	0	262,120	0	0	0	0	0	0
	<i>OZARK WIRE LTD. INC.</i>		MALDEN										
		HYDROCHLORIC ACID (1995 AND AFTER		7,839	0	0	7,839	5	0	0	0	0	0
	<i>PARKER HANNIFIN CORP. ACD</i>		KENNETT										
		LEAD COMPOUNDS		0	0	0	0	5	0	0	0	750	750
		ZINC COMPOUNDS		5	0	0	5	5	0	0	0	2,176	2,176
FRANKLIN													
	<i>AEROFIL TECH. INC.</i>		SULLIVAN										
		DIAZINON		0	0	0	0	0	0	0	3,150	0	3,150
		CARBARYL		255	0	0	255	0	0	0	1,290	718	2,008

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		MALATHION		1,714	0	0	1,714	0	0	0	750	0	750
		CHLOROTHALONIL		0	0	0	0	0	0	0	0	1,469	1,469
		N-HEXANE		6,790	0	0	6,790	0	2,830	0	10,170	0	13,000
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	1,679	1,679
		TOLUENE		500	0	0	500	0	2,675	0	0	0	2,675
		CYCLOHEXANOL		1,564	0	0	1,564	0	750	0	0	0	750
		ACEPHATE		500	0	0	500	0	0	0	500	0	500
		TRIFORINE		0	0	0	0	0	0	0	0	0	0
		TETRACHLOROETHYLENE		0	0	0	0	0	0	0	0	0	0
		CYCLOHEXANE		0	0	0	0	0	0	0	0	0	0
		DICHLOROMETHANE		0	0	0	0	0	0	0	0	0	0
		N-METHYL-2-PYRROLIDONE		1,819	0	0	1,819	0	630	0	0	0	630
		1,2,4-TRIMETHYLBENZENE		1,638	0	0	1,638	0	750	0	0	0	750
	CANAM STEEL CORP., WASHINGTON		WASHINGTON										
		PHOSPHORUS (YELLOW OR WHITE)		0	0	0	0	0	0	0	0	0	0
		BARIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ALUMINUM (FUME OR DUST)		0	0	0	0	0	0	0	0	0	0
		LEAD		0	0	0	0	0	0	0	0	0	0
		MANGANESE		0	0	0	0	0	0	0	0	0	0
		NICKEL		0	0	0	0	0	0	0	0	0	0
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
		COPPER		0	0	0	0	0	0	0	0	0	0
		ZINC (FUME OR DUST)		0	0	0	0	0	0	0	0	0	0
	CONVENIENCE PRODS.		PACIFIC										
		CHLORODIFLUOROMETHANE		1,986	0	0	1,986	0	0	0	0	0	0
	CUPPLES PRODS. INC.		UNION										
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		METHYL ETHYL KETONE		1,049	0	0	1,049	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		841	0	0	841	0	0	0	0	0	0
	DYNAQUIP CONTROLS CORP.		SAINT CLAIR										
		TRICHLOROETHYLENE		9,240	0	0	9,240	0	0	14,520	0	0	14,520
	EAGLE OPG INC.		WASHINGTON										
		NITRIC ACID		0	0	0	0	250	0	0	0	0	0
	FRM CHEM INC.		UNION										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	GENCORP INC.		BERGER										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		TOLUENE		22,123	0	0	22,123	0	11,856	0	0	0	11,856
		ZINC COMPOUNDS		0	0	250	250	0	0	22,989	0	22,842	45,831
		XYLENE (MIXED ISOMERS)		17,735	0	0	17,735	0	4,216	0	0	0	4,216
	INTEGRAM, ST LOUIS SEATING FOA		PACIFIC										
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
	JEFFERSON PRODS. CO.		WASHINGTON										
		COPPER		10	250	0	260	5	0	169,600	0	250	169,850
		MANGANESE		5	250	0	255	5	0	16,700	0	5	16,705
		AMMONIA		10	0	0	10	0	0	0	0	0	0
		NICKEL		10	250	0	260	5	0	9,000	0	5	9,005
		CHROMIUM		5	250	0	255	5	0	8,950	0	5	8,955
		TOLUENE		16,605	0	0	16,605	0	0	4,700	0	0	4,700
	LABADIE POWER STATION		LABADIE										
		ZINC COMPOUNDS		2,700	120,000	3,300	126,000	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		600	49,000	690	50,290	0	0	0	0	0	0
		NICKEL COMPOUNDS		640	39,000	1,000	40,640	0	0	0	0	0	0
		COBALT COMPOUNDS		160	21,000	0	21,160	0	0	0	0	0	0
		COPPER COMPOUNDS		650	92,000	330	92,980	0	0	0	0	0	0
		BARIUM COMPOUNDS		10,000	3,000,000	32,000	3,042,000	0	0	0	0	0	0
		MANGANESE COMPOUNDS		977	99,000	2,200	102,177	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		170,000	0	0	170,000	0	0	0	0	0	0
		HYDROGEN FLUORIDE		480,000	0	0	480,000	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		1,300,000	0	0	1,300,000	0	0	0	0	0	0
		LEAD COMPOUNDS		420	29,000	87	29,507	0	0	0	0	0	0
	M & R PLATING		WASHINGTON										
		ZINC (FUME OR DUST)		250	0	0	250	5	0	0	0	5,300	5,300
		NICKEL		0	0	0	0	0	0	0	0	0	0
		CHROMIUM		5	0	0	5	5	0	0	4,300	0	4,300
		MANGANESE		0	0	0	0	0	0	0	0	0	0
	MARCHEM COATED FABRICS INC.		NEW HAVEN										
		XYLENE (MIXED ISOMERS)		474	0	0	474	0	0	0	0	0	0
	MERAMEC IND.		SULLIVAN										
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
	PAUWELS TRANSFORMERS		WASHINGTON										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
GREENE	COPPER		UNION	0	0	0	0	0	0	0	0	0	0
	PHARMA TECH. . IND. INC.		UNION	0	0	0	0	0	0	0	0	750	750
	PLAZE INC.		SAINT CLAIR										
	XYLENE (MIXED ISOMERS)			5	0	0	5	0	250	0	0	0	250
	TOLUENE			5	0	0	5	0	250	0	0	0	250
	N-HEXANE			29	0	0	29	0	250	0	0	0	250
	TETRACHLOROETHYLENE			5	0	0	5	0	0	0	717	0	717
	CERTAIN GLYCOL ETHERS			515	0	0	515	0	11,397	0	0	0	11,397
	DICHLOROMETHANE			61	0	0	61	0	0	0	3,763	0	3,763
	SECO PRODS. CORP.		WASHINGTON										
	DICHLOROMETHANE			16,494	0	0	16,494	0	0	7,266	0	0	7,266
	TRICHLOROETHYLENE			15,300	0	0	15,300	0	0	6,036	0	0	6,036
	SIESCO VALLEY SCREW PRODS.		UNION										
	COPPER COMPOUNDS			0	0	0	0	0	0	44,725	0	0	44,725
	SPORLAN VALVE CO. - PLANT #1		WASHINGTON										
	PHOSPHORIC ACID			5	0	0	5	0	0	0	0	0	0
	TRICHLOROETHYLENE			28,000	0	0	28,000	2	0	3,800	2,100	0	5,900
	COPPER			0	0	0	0	7	0	0	0	12,000	12,000
	LEAD			0	0	0	0	0	0	0	0	230	230
	SPORLAN VALVE CO. - PLANT #3		WASHINGTON										
	LEAD			0	0	0	0	0	0	0	0	0	0
	TRICHLOROETHYLENE			12,600	0	0	12,600	0	0	0	5,500	0	5,500
	COPPER			0	0	0	0	0	0	0	0	0	0
	STEELWELD EQUIPMENT CO. INC.		SAINT CLAIR										
	TOLUENE			63,495	0	0	63,495	0	250	0	0	0	250
	XYLENE (MIXED ISOMERS)			19,846	0	0	19,846	0	21	0	0	0	21
	TRADCO INC.		WASHINGTON										
	NITRIC ACID			170	0	0	170	0	0	0	0	0	0
	HYDROGEN FLUORIDE			330	0	0	330	0	0	0	0	0	0
	TRUE MFG. CO. INC.		PACIFIC										
	DIISOCYANATES			0	0	0	0	0	0	0	0	0	0
	CHLORODIFLUOROMETHANE			24,000	0	0	24,000	0	0	0	0	0	0
	1,1-DICHLORO-1-FLUOROETHANE			52,000	0	0	52,000	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	3M SPRINGFIELD MO		SPRINGFIELD										
		XYLENE (MIXED ISOMERS)		237	0	0	237	0	1,279	320	9,860	0	11,459
		CYCLOHEXANE		13,027	0	0	13,027	0	4	1	32	0	37
		TOLUENE		40,144	0	0	40,144	0	201,667	292,047	1,813,275	0	2,306,989
		METHANOL		193	0	0	193	0	831	208	9,784	0	10,823
		DI(2-ETHYLHEXYL) PHTHALATE		29	0	0	29	0	0	0	0	0	0
		N-HEXANE		10,046	0	0	10,046	0	1,064	266	27,600	0	28,930
		ALUMINUM (FUME OR DUST)		210	0	0	1,367	0	0	0	0	1,157	1,157
		METHYL ISOBUTYL KETONE		5,098	0	0	5,098	0	4,725	1,181	37,944	0	43,850
		DIISOCYANATES		563	0	0	563	0	4,901	1,225	48,191	0	54,317
		METHYL ETHYL KETONE		35,295	0	0	35,295	0	40,747	10,187	403,248	0	454,182
		ZINC COMPOUNDS		2,621	0	0	2,621	0	0	0	0	635	635
		TOLUENE DIISOCYANATE (MIXED		72	0	0	72	0	1,853	463	16,566	0	18,882
	AARONS AUTOMOTIVE PRODS. INC.		SPRINGFIELD										
		XYLENE (MIXED ISOMERS)		9,259	0	0	9,259	0	10,285	0	0	0	10,285
	ACME STRUCTURAL, INC.		SPRINGFIELD										
		MANGANESE COMPOUNDS		250	0	0	250	0	0	5,066	0	0	5,066
		NICKEL COMPOUNDS		5	0	0	5	0	0	45,595	0	0	45,595
		CHROMIUM COMPOUNDS		12	0	0	12	0	0	1,824	0	0	1,824
	CHAMPION PRODS. INC.		STRAFFORD										
		CHROMIUM		200	0	0	200	0	0	14,607	0	250	14,857
		NICKEL		250	0	0	250	0	0	41,004	0	250	41,254
		MANGANESE		300	0	0	300	0	0	0	0	300	300
	DAIRY FARMERS OF AMERICA INC.		SPRINGFIELD										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
	DAYCO PRODS. INC., SPRINGFIELD		SPRINGFIELD										
		TOLUENE		25,000	0	0	25,000	0	39	0	0	0	39
		DIISOCYANATES		715	0	0	715	0	0	0	0	0	0
		ZINC COMPOUNDS		3	14,000	0	14,003	70	0	4,742	0	14,000	18,742
	G.E. INDL. SYTEMS		SPRINGFIELD										
		ETHYLBENZENE		5,997	0	0	5,997	0	0	0	0	0	0
		N-BUTYL ALCOHOL		5,287	0	0	5,287	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		13,854	0	0	13,854	964	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		35,953	0	0	35,953	0	0	0	0	0	0
		COPPER COMPOUNDS		0	0	0	0	6	0	46,452	0	50,388	96,840

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		ZINC COMPOUNDS		0	0	0	0	47	0	146,764	0	7,326	154,090
		XYLENE (MIXED ISOMERS)		30,387	0	0	30,387	0	0	0	0	0	0
		NICKEL COMPOUNDS		0	0	0	0	1	0	5,806	0	6,299	12,105
	HCI CHEMTECH INDS. INC.		SPRINGFIELD										
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		METHYL ETHYL KETONE		0	0	0	0	0	0	0	0	0	0
		METHANOL		0	0	0	0	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		21	0	0	21	0	1,218	0	0	0	1,218
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		TOLUENE		100	0	0	100	0	1,041	0	0	0	1,041
		NAPHTHALENE		0	0	0	0	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		62	0	0	62	0	1,267	0	0	0	1,267
	JAMES RIVER POWER STATION		SPRINGFIELD										
		HYDROGEN FLUORIDE		51,700	0	0	51,700	0	0	0	0	0	0
		BARIUM COMPOUNDS		298	0	2,308	2,606	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		264,900	0	0	264,900	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		116,800	0	0	116,800	0	0	0	0	0	0
	KERR-MCGEE CHEMICAL LLC, FORES		SPRINGFIELD										
		CREOSOTE		7,600	0	400	8,000	3,600	0	0	8,000	0	8,000
	KO MFG. INC.		SPRINGFIELD										
		HYDROGEN FLUORIDE		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
	KRAFT FOODS INC.		SPRINGFIELD										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		NITRATE COMPOUNDS		0	0	0	0	20,315	0	0	0	0	0
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		AMMONIA		6,940	0	0	6,940	0	0	0	0	0	0
	LEGGETT & PLATT INC.		SPRINGFIELD										
		TOLUENE		27,810	0	0	27,810	0	798	0	0	0	798
		XYLENE (MIXED ISOMERS)		49,423	0	0	49,423	0	2,014	0	0	0	2,014
		ETHYLBENZENE		10,389	0	0	10,389	0	388	0	0	0	388
	LITTON, ADVANCED CIRCUITRY DIV		SPRINGFIELD										
		FORMALDEHYDE		1,000	0	0	1,000	27,000	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		CERTAIN GLYCOL ETHERS		500	0	0	500	10,670	0	0	0	0	0
		AMMONIA		500	0	0	500	2,270	0	24,800	0	0	24,800
		LEAD COMPOUNDS		1,500	0	250	1,750	1,230	0	6,950	0	0	6,950
		COPPER COMPOUNDS		500	0	250	750	2,470	0	343,400	0	0	343,400
		PHOSPHORIC ACID		500	0	0	500	0	0	0	0	0	0
		NITRIC ACID		500	0	0	500	0	0	0	0	0	0
	LOREN COOK CO.		SPRINGFIELD										
		NICKEL		500	0	0	500	0	0	23,598	0	0	23,598
		COPPER		500	0	0	500	0	0	27,073	0	0	27,073
		MANGANESE		500	0	0	500	0	0	77,985	0	0	77,985
		CHROMIUM		500	0	0	500	0	0	47,197	0	0	47,197
	OZARK CIRCUITS INC.		SPRINGFIELD										
		COPPER		255	250	0	505	250	0	16,026	0	447	16,473
	OZARKS COCA-COLA/DR. PEPPER BT		SPRINGFIELD										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	OZARKS CULTURED MARBLE		SPRINGFIELD										
		STYRENE		4,574	0	0	4,574	0	0	0	0	384	384
	PAUL MUELLER CO.		SPRINGFIELD										
		ALUMINUM (FUME OR DUST)		250	0	250	500	250	0	0	0	0	0
		COPPER		250	0	250	500	250	0	0	0	250	250
		MANGANESE		250	0	250	500	250	0	0	0	250	250
		NICKEL		250	0	250	500	250	0	0	0	750	750
		CHROMIUM		250	0	250	500	250	0	0	0	1,560	1,560
		XYLENE (MIXED ISOMERS)		13,080	0	0	13,080	5	11,427	0	0	0	11,427
	PRECISION STAINLESS INC.		SPRINGFIELD										
		NICKEL		250	0	5	255	0	0	55,008	0	250	55,258
		CHROMIUM		250	0	5	255	0	0	90,698	0	250	90,948
		MANGANESE		250	0	5	255	0	0	10,049	0	250	10,299
		PHOSPHORIC ACID		250	0	5	255	0	0	0	0	0	0
	RIDEWELL CORP.		SPRINGFIELD										
		TOLUENE		19,140	0	0	19,140	0	0	0	0	0	0
	SAFETY-KLEEN SYS. (619302)		SPRINGFIELD										
		ETHYLENE GLYCOL		2	0	0	2	0	0	51,162	0	0	51,162
	SOUTHWEST POWER STATION		SPRINGFIELD										
		SULFURIC ACID (1994 AND AFTER "ACID		108,000	0	0	108,000	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
GRUNDY	STAINLESS FABRICATION INC.1301	HYDROCHLORIC ACID (1995 AND AFTER)	SPRINGFIELD	24,500	0	0	24,500	0	0	0	0	0	0
		HYDROGEN FLUORIDE		50,200	0	0	50,200	0	0	0	0	0	0
		BARIUM COMPOUNDS		88	11,549	79	11,716	0	0	0	0	0	0
		MANGANESE COMPOUNDS		250	0	0	250	0	0	10,073	0	200	10,273
	SUPERIOR FIBERGLASS & RESINS	NICKEL COMPOUNDS	750	0	0	750	0	0	31,228	0	750	31,978	
		CHROMIUM COMPOUNDS	750	0	0	750	0	0	53,939	0	750	54,689	
		METHYL ETHYL KETONE	0	0	0	0	0	0	0	0	0	0	
		ETHYLENE GLYCOL	0	0	0	0	0	0	0	0	0	0	
		STYRENE	0	0	0	0	0	0	0	0	0	0	
		METHANOL	1,000	0	0	1,000	0	0	0	0	0	0	
		CERTAIN GLYCOL ETHERS	0	0	0	0	0	0	0	0	0	0	
		DICHLOROMETHANE	0	0	0	0	0	0	0	0	0	0	
SWEETHEART CUP CO. INC.	XYLENE (MIXED ISOMERS)	0	0	0	0	0	0	0	0	0	0		
	1,2,4-TRIMETHYLBENZENE	0	0	0	0	0	0	0	0	0	0		
	TOLUENE	0	0	0	0	0	0	0	0	0	0		
	N-HEXANE	0	0	0	0	0	0	0	0	0	0		
	AMMONIA	6	0	0	6	0	0	0	0	0	0		
	SYNTEX AGRIBUSINESS INC.	HYDROCHLORIC ACID (1995 AND AFTER)	SPRINGFIELD	5,439	0	0	5,439	0	0	0	0	0	0
CHLOROMETHANE		5,863		0	0	5,863	0	0	0	0	0	0	
DICHLOROMETHANE		39,373		0	0	39,373	1,152	10,928	0	0	0	10,928	
BROMINE		3,025		0	0	3,025	5	0	0	0	0	0	
WEBCO INC.	NICKEL	SPRINGFIELD	100	0	0	100	0	0	25,191	0	0	25,191	
	TOLUENE		12,852	0	0	12,852	0	3,920	0	0	0	3,920	
	CHROMIUM		100	0	0	100	0	0	25,191	0	0	25,191	
	MANGANESE		50	0	0	50	0	0	12,595	0	0	12,595	
GRUNDY	MODINE MFG. CO.		TRENTON										
		LEAD		196	0	35	231	6	0	73,812	0	25	73,837
		DIISOCYANATES		0	0	0	0	0	0	0	200	0	200
		MANGANESE		0	0	0	0	0	0	2,771	0	0	2,771
		COPPER		77	0	2	79	3	0	216,618	0	20	216,638

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
HENRY	TRENTON HOME FOODS INC.		TRENTON										
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0
	MONTROSE 1		CLINTON										
	HYDROCHLORIC ACID (1995 AND AFTER			18,000	0	0	18,000	0	0	0	0	0	0
HICKORY	HYDROGEN FLUORIDE			30,000	0	0	30,000	0	0	0	0	0	0
	BARIUM COMPOUNDS			10,000	120,000	5	130,005	0	0	0	0	0	0
	COPPER COMPOUNDS			160	4,700	0	4,860	0	0	0	0	0	0
	MONTROSE 2&3		CLINTON										
HOLT	HYDROCHLORIC ACID (1995 AND AFTER			36,000	0	0	36,000	0	0	0	0	0	0
	BARIUM COMPOUNDS			21,000	260,000	5	281,005	0	0	0	0	0	0
	COPPER COMPOUNDS			310	10,000	0	10,310	0	0	0	0	0	0
	HYDROGEN FLUORIDE			61,000	0	0	61,000	0	0	0	0	0	0
HOWARD	SCHREIBER FOODS INC.		CLINTON										
	PHOSPHORIC ACID			0	0	0	0	7,493	0	0	0	0	0
HOWELL	TRACKER MARINE CLINTON		QUINCY										
	STYRENE			174,687	0	0	174,687	0	0	0	0	0	0
HOWARD	EXIDE CORP. - CANON HOLLOW PLA		FOREST CITY										
	ANTIMONY COMPOUNDS			0	16,000	37	16,037	0	0	13,600	0	0	13,600
	ARSENIC COMPOUNDS			0	6,500	0	6,500	0	0	1,400	0	0	1,400
	LEAD COMPOUNDS			320	52,000	16	52,336	0	0	1,019,000	0	0	1,019,000
HOWARD	BOB MONNIG IND. INC.		GLASGOW										
	AMMONIA			0	0	0	0	0	0	0	0	0	0
	SULFURIC ACID (1994 AND AFTER "ACID			608	0	0	608	0	0	0	0	0	0
	ZINC COMPOUNDS			1,771	0	0	1,771	0	0	253,758	13,865	0	267,623
HOWARD	LEAD			10	0	0	10	0	0	0	0	0	0
	CEDARAPIDS INC., STANDARD HAVE		GLASGOW										
HOWELL	MANGANESE			142	0	0	142	0	0	17,700	0	0	17,700

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
IRON	BRUCE HARDWOOD FLOORS WEST		WEST PLAINS										
		METHYL ISOBUTYL KETONE		35,734	0	0	35,734	0	10,890	0	0	0	10,890
	HIGH PERFORMANCE HOSE FACILITY		POMONA										
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	750	0	250	1,000
		ZINC COMPOUNDS		0	0	0	0	0	0	7,500	0	5,221	12,721
	INVENSYS APPLIANCE CONTROLS		WEST PLAINS										
		COPPER		0	0	0	0	0	0	0	0	59,352	59,352
	MARATHON ELECTRIC		WEST PLAINS										
		COPPER		0	0	0	0	0	0	74,543	0	0	74,543
		MANGANESE		0	0	0	0	0	0	2,815	0	0	2,815
	SYSTEMS & ELECTRONICS INC.		WEST PLAINS										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		7,680	0	0	7,680	0	6,100	0	0	0	6,100
		CHROMIUM COMPOUNDS		63	0	0	63	0	0	0	0	10,500	10,500
	BUICK MINE/MILL		BOSS										
		LEAD COMPOUNDS		39,528	5,729,417	1,018	5,769,963	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		COPPER COMPOUNDS		164	1,131,370	250	1,131,784	0	0	0	0	0	0
		ZINC COMPOUNDS		1,735	3,522,995	8,230	3,532,960	0	0	0	0	0	0
	DOE RUN CO. RECYCLING FACILITY		BOSS										
	CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0	
	ARSENIC COMPOUNDS		500	0	250	750	0	0	0	0	0	0	
	ANTIMONY COMPOUNDS		1,000	0	250	1,250	0	0	0	0	0	0	
	LEAD COMPOUNDS		37,472	0	250	37,722	0	0	0	0	604,388	604,388	
DOE RUN CO., GLOVER SMELTER		ANNAPOLIS											
	CADMIUM		156	14,338	2	14,496	0	0	0	0	0	0	
	LEAD		36,580	2,751,135	5	2,787,720	0	0	3	0	328	331	
	ZINC (FUME OR DUST)		5,993	6,105,478	8	6,111,479	0	0	0	0	0	0	
	COPPER		650	311,032	5	311,687	0	0	0	0	0	0	
	COBALT		35	80,295	2	80,332	0	0	0	0	0	0	
	ANTIMONY		26	15,652	2	15,680	0	0	0	0	0	0	
	NICKEL		93	28,677	3	28,773	0	0	0	0	0	0	
ISP MINERALS INC.		ANNAPOLIS											
	COPPER COMPOUNDS		55	0	0	55	0	0	0	0	1,927	1,927	

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
JACKSON	VIBURNUM MINES/MILL	CHROMIUM COMPOUNDS	VIBURNUM	0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		COPPER COMPOUNDS		378	2,232,046	500	2,232,924	0	0	0	0	0	0
		ZINC COMPOUNDS		1,035	3,906,081	7,396	3,914,512	0	0	0	0	0	0
		LEAD COMPOUNDS		55,632	9,349,466	3,804	9,408,902	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
JACKSON	AERO TRANSPORTATION PRODS., IN		INDEPENDENCE										
		TOLUENE		3,663	0	0	3,663	0	494	0	0	0	494
		STYRENE		48,849	0	0	48,849	0	0	0	0	0	0
		N-HEXANE		451	0	0	451	0	0	0	0	0	0
	AGCO MFG. GROUP		INDEPENDENCE										
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		20,220	0	0	20,220	0	34,000	0	0	0	34,000
		METHYL ETHYL KETONE		1,800	0	0	1,800	0	33,000	0	0	0	33,000
	AMERICAN INGREDIENTS CO.		GRANDVIEW										
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	BALL METAL BEVERAGE CONTAINER		KANSAS CITY										
		CERTAIN GLYCOL ETHERS		80,000	0	0	80,000	0	0	0	20	0	20
		N-BUTYL ALCOHOL		61,000	0	0	61,000	0	0	0	10	0	10
		HYDROGEN FLUORIDE		122	0	0	122	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		560	0	0	560	0	0	0	0	0	0
		MANGANESE		0	0	0	0	0	0	0	0	0	0
	BAYER CORP. AGRICULTURE DIV.		KANSAS CITY										
		S,S,S-TRIBUTYLTRITHIOPHOSPHATE		0	0	36	36	0	0	0	639	0	639
		DIMETHYL SULFATE		0	0	0	0	0	0	0	0	0	0
		VINYL CHLORIDE		56	0	0	56	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		ISOENPHOS		0	0	0	0	0	0	0	0	0	0
		NAPHTHALENE		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		CARBON DISULFIDE		515	0	0	515	0	0	0	0	0	0
		HYDROGEN FLUORIDE		0	0	0	0	0	0	0	0	0	0
		TRIADIMEFON		3	1	0	4	0	0	0	1,984	0	1,984

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		CYFLUTHRIN		4	0	1	5	0	0	0	964	0	964
		BROMOMETHANE		4,001	0	0	4,001	0	0	0	0	0	0
		AMMONIA		3,007	0	4,470	7,477	0	0	0	0	0	0
		2,4-DICHLOROPHENOL		0	0	0	0	0	0	0	0	0	0
		CHLORINE		1,159	0	0	1,159	0	0	0	0	0	0
		TRICHLORFON		2	0	0	2	0	0	0	2,831	0	2,831
		CHLOROMETHANE		8,305	0	0	8,305	0	0	0	0	0	0
		TOLUENE		21,245	6	22	21,273	0	0	0	1,188	0	1,188
		DIMETHYL CHLOROTHIOPHOSPHATE		31	0	0	31	0	0	0	0	0	0
		MERPHOS		0	0	0	0	0	0	0	0	0	0
		METRIBUZIN		68	0	24	92	0	0	0	12,753	0	12,753
		HYDRAZINE		1,861	1	183	2,045	0	0	0	411	0	411
		HYDROCHLORIC ACID (1995 AND AFTER		14,101	0	0	14,101	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		1,050	0	6	1,056	0	0	0	189	0	189
		METHANOL		1,084	0	10,129	11,213	0	0	0	0	0	0
		FORMALDEHYDE		239	0	0	239	0	0	0	0	0	0
BP AMOCO - SUGAR CREEK TERMINA			SUGAR CREEK										
		ETHYLBENZENE		720	0	0	720	4	0	0	0	0	0
		BENZENE		960	0	0	960	30	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		2,160	0	0	2,160	40	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		650	0	0	650	1	0	0	0	0	0
		TOLUENE		2,050	0	0	2,050	30	0	0	0	0	0
		N-HEXANE		730	0	0	730	0	0	0	0	0	0
CARGILL INC.			KANSAS CITY										
	N-HEXANE		352,356	0	0	352,356	96	0	0	0	5	5	
CITY OF INDEPENDENCE			INDEPENDENCE										
		SULFURIC ACID (1994 AND AFTER "ACID		10,252	0	0	10,252	0	0	0	0	0	0
		ZINC COMPOUNDS		1,001	28,366	0	29,367	5	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		83,364	0	0	83,364	0	0	0	0	0	0
CONOPCO INC. (DBA) LIPTON			INDEPENDENCE										
	PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0	0
COOK BROS. INSULATION INC.			KANSAS CITY										
		1,1-DICHLORO-1-FLUOROETHANE		4,177	0	0	4,177	0	0	0	0	0	0
		CYCLOHEXANE		297	0	0	297	0	0	0	0	0	0
		N-HEXANE		4,154	0	0	4,154	0	0	0	0	0	0
		TOLUENE		297	0	0	297	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		CHLOROETHANE		2,497	0	0	2,497	0	0	0	0	0	0
		1-CHLORO-1,1-DIFLUOROETHANE		6,294	0	0	6,294	0	0	0	0	0	0
	CTB GRAIN SYS.		KANSAS CITY										
		ZINC COMPOUNDS		19	191	0	210	0	0	73,606	0	0	73,606
	CURT BEAN LUMBER CO.		BUCKNER										
		ARSENIC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	FABTECH INC.		LEES SUMMIT										
		HYDROGEN FLUORIDE		391	0	0	391	0	0	0	0	0	0
		NITRIC ACID		114	0	0	114	18,870	0	0	0	0	0
		PHOSPHORIC ACID		91	0	0	91	18,144	0	0	0	0	0
	GENERAL MILLS OPS.		KANSAS CITY										
		BROMOMETHANE		12,000	0	0	12,000	0	0	0	0	0	0
		CHLORINE		0	0	0	0	0	0	0	0	0	0
	GST STEEL CO.- A DIV. OF GS		KANSAS CITY										
		CHROMIUM COMPOUNDS		500	0	0	500	0	0	31,000	0	420	31,420
		MANGANESE COMPOUNDS		9,500	0	0	9,500	0	0	570,000	0	7,600	577,600
		COPPER COMPOUNDS		500	0	0	500	0	0	34,456	0	0	34,456
		ZINC COMPOUNDS		66,000	0	250	66,250	0	0	4,300,000	0	57,000	4,357,000
		LEAD COMPOUNDS		3,000	0	250	3,250	0	0	200,000	0	2,600	202,600
		NICKEL COMPOUNDS		500	0	0	500	0	0	3,400	0	46	3,446
	HALLMARK CARDS INC.		KANSAS CITY										
		NICKEL COMPOUNDS		0	0	0	0	0	0	6,400	0	0	6,400
		NITRIC ACID		11	0	0	11	0	0	0	0	0	0
		NITRATE COMPOUNDS		0	0	0	0	24,000	0	0	0	0	0
	HAVENS STEEL CO.		KANSAS CITY										
		METHYL ETHYL KETONE		13,831	0	0	13,831	0	836	0	0	0	836
		XYLENE (MIXED ISOMERS)		14,058	0	0	14,058	0	0	0	850	0	850
	HAWTHORN GENERATING FACILITY		KANSAS CITY										
		HYDROGEN FLUORIDE		57,000	0	0	57,000	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER)		34,000	0	0	34,000	0	0	0	0	0	0
		BARIUM COMPOUNDS		1,800	160,000	250	162,050	0	0	0	0	0	0
	HCI CHEMTECH INDS. INC.		KANSAS CITY										
		1,2,4-TRIMETHYLBENZENE		11	0	0	11	0	4,314	0	0	0	4,314

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		DICHLOROMETHANE		8	0	0	8	0	3,629	0	0	0	3,629
		DI(2-ETHYLHEXYL) PHTHALATE		8	0	0	8	0	1,885	0	0	0	1,885
		TOLUENE		48	3	0	51	0	1,928	0	0	0	1,928
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		10	0	0	10	0	525	0	0	0	525
		METHYL ETHYL KETONE		40	10	0	50	0	1,115	0	0	0	1,115
		CERTAIN GLYCOL ETHERS		102	0	0	102	0	1,754	0	0	0	1,754
		METHANOL		892	5	0	897	0	4,956	0	0	0	4,956
		XYLENE (MIXED ISOMERS)		27	0	0	27	0	2,611	0	0	0	2,611
		ETHYLENE GLYCOL		15	0	0	15	0	3,407	0	0	0	3,407
	HECKETT MULTISERV PLANT 19		KANSAS CITY										
		MANGANESE		261	0	0	261	0	0	0	0	0	0
	HEMCO CORPORATION130130		INDEPENDENCE										
		STYRENE		7,636	0	0	7,636	0	0	0	0	0	0
		METHYL METHACRYLATE		516	0	0	516	0	0	0	0	0	0
		METHYL ETHYL KETONE		0	0	0	0	0	0	0	0	0	0
		DIMETHYL PHTHALATE		0	0	0	0	0	0	0	0	0	0
	KANSAS CITY NORTH AMERICAN G		KANSAS CITY										
		LEAD		10	0	0	10	0	0	0	0	0	0
		ZINC COMPOUNDS		812	0	0	812	0	0	0	0	4,673	4,673
	KOCH MATERIALS CO.		KANSAS CITY										
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
	LABCONCO CORP.		KANSAS CITY										
		STYRENE		8,260	0	0	8,260	0	100	0	0	0	100
	LAFARGE CORP., SUGAR CREEK		SUGAR CREEK										
		CHROMIUM COMPOUNDS		74	0	0	74	0	0	0	0	0	0
	LEAR OPS. CORP.		KANSAS CITY										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	3,567	3,567
	LONGARM INC.		GREENWOOD										
		STYRENE		5,300	0	0	5,300	0	0	0	0	0	0
	LUBAR CHEMICAL CO.		KANSAS CITY										
		XYLENE (MIXED ISOMERS)		0	0	0	0	0	0	0	0	0	0
		DICHLOROMETHANE		0	0	0	0	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	MARTIN FNDY. CO. INC.		KANSAS CITY										
		COPPER		0	0	0	0	0	0	0	0	0	0
	MEYER LABORATORY INC.		BLUE SPRINGS										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	MIDWEST HANGER CO.		KANSAS CITY										
		NICKEL		0	0	0	0	0	0	0	0	0	0
		MANGANESE		0	0	0	0	0	0	0	0	0	0
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
	MISSION PLASTICS NORTH		GRANDVIEW										
		DI(2-ETHYLHEXYL) PHTHALATE		0	0	0	0	0	0	0	0	750	750
	MISSOURI PLATING CO.		KANSAS CITY										
		ZINC COMPOUNDS		750	0	0	750	250	0	0	0	16,197	16,197
		NICKEL COMPOUNDS		250	0	0	250	250	0	0	0	2,016	2,016
	NATL. DIV. OF FTZ IND.		INDEPENDENCE										
		COPPER		0	0	0	0	0	0	0	0	0	0
	PAULO PRODS. CO.		KANSAS CITY										
		METHANOL		0	0	0	0	0	0	0	0	0	0
		AMMONIA		1,277	0	0	1,277	0	0	0	0	0	0
	PEPSI-COLA GENERAL BOTTLERS OF		KANSAS CITY										
		PHOSPHORIC ACID		0	0	0	0	5,100	0	0	0	0	0
	ROBERTS DAIRY		KANSAS CITY										
		PHOSPHORIC ACID		0	0	0	0	750	0	0	0	0	0
	ROOTS INC.		INDEPENDENCE										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	ROTADYNE ROLL GROUP		KANSAS CITY										
		DI(2-ETHYLHEXYL) PHTHALATE		727	0	0	727	2	0	0	0	20,259	20,259
	SAFETY-KLEEN SYS. (508502)		INDEPENDENCE										
		ETHYLENE GLYCOL		6	0	0	6	0	0	207,609	0	0	207,609
	SCHROER MFG. CO.		KANSAS CITY										
		CHROMIUM		0	0	0	0	0	0	33,000	0	0	33,000
		NICKEL		0	0	0	0	0	0	23,000	0	0	23,000
	SEXTON METALCRAFT INC.		RAYTOWN										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		TOLUENE		16,000	0	0	16,000	0	0	0	0	0	0
	SIBLEY GENERATING STATION		SIBLEY										
		SULFURIC ACID (1994 AND AFTER "ACID		48,302	0	0	48,302	0	0	0	0	0	0
		ZINC COMPOUNDS		3,938	0	0	3,938	0	0	0	0	0	0
		HYDROGEN FLUORIDE		102,185	0	0	102,185	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		33,328	0	0	33,328	0	0	0	0	0	0
		MANGANESE COMPOUNDS		1,149	0	0	1,149	0	0	0	0	0	0
		NICKEL COMPOUNDS		1,402	0	96	1,498	0	0	0	0	0	0
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		BARIUM COMPOUNDS		19,269	0	1,740	21,009	0	0	0	0	0	0
		COPPER COMPOUNDS		565	0	1,618	2,183	0	0	0	0	0	0
	SMITH ST. JOHN		KANSAS CITY										
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
		NICKEL		0	0	0	0	0	0	0	0	0	0
	TIFFANY MARBLE INC.		LEES SUMMIT										
		STYRENE		6,100	0	0	6,100	0	0	0	0	0	0
	U.S. ARMY LAKE CITY ARMY		INDEPENDENCE										
		NITROGLYCERIN		3	0	0	3	0	0	0	0	0	0
		LEAD COMPOUNDS		68	0	0	68	36	0	216,246	0	6,418	222,664
		ZINC COMPOUNDS		0	0	5	5	283	0	805,540	0	30,177	835,717
		NITRATE COMPOUNDS		0	0	25	25	928	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		DIBUTYL PHTHALATE		1	0	0	1	0	9	0	0	0	9
		1,1,1-TRICHLOROETHANE		8,831	0	0	8,831	0	0	0	2,530	0	2,530
		COPPER		1	0	5	6	330	0	2,049,933	0	17,935	2,067,868
		ALUMINUM (FUME OR DUST)		1	0	0	1	0	0	0	0	0	0
		ANTIMONY		4	0	0	4	53	0	8,920	0	378	9,298
	U.S. DOE		KANSAS CITY										
		NITRIC ACID		506	0	0	506	0	0	0	0	0	0
	VANCE BROTHERS INC.		KANSAS CITY										
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		TOLUENE		0	0	0	0	0	0	0	0	0	0
		POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		PHENANTHRENE		0	0	0	0	0	0	0	0	0	0
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		DIBENZOFURAN		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		ANTHRACENE		0	0	0	0	0	0	0	0	0	0
		NAPHTHALENE		0	0	0	0	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		0	0	0	0	0	0	0	0	0	0
	<i>WIRE ROPE CORP. OF AMERICA, IN</i>		KANSAS CITY										
		NITRIC ACID		100	0	0	100	5	0	0	0	0	0
JASPER													
	<i>ABLE BODY CORP.</i>		JOPLIN										
		STYRENE		194,000	20,489	0	214,489	0	15,110	0	0	0	15,110
		STYRENE		49,918	6,900	0	56,818	0	1,765	0	0	0	1,765
	<i>ADM MILLING CO.,CARTHAGE FLOUR</i>		CARTHAGE										
		CHLORINE		0	0	0	0	0	0	0	0	0	0
	<i>ASBURY GENERATING STATION</i>		ASBURY										
		SULFURIC ACID (1994 AND AFTER "ACID		41,818	0	0	41,818	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		145,154	0	0	145,154	0	0	0	0	0	0
		HYDROGEN FLUORIDE		47,915	0	0	47,915	0	0	0	0	0	0
		ZINC (FUME OR DUST)		745	19,946	0	20,691	0	0	0	0	0	0
		BARIUM		14,819	396,811	0	411,630	0	0	0	0	0	0
		MANGANESE		1,536	26,244	0	27,780	0	0	0	0	0	0
	<i>BUTTERBALL TURKEY CO.</i>		CARTHAGE										
		CHLORINE		499	0	0	499	0	0	0	0	0	0
		COPPER		0	66,000	0	66,000	276	0	0	0	0	0
		AMMONIA		12,500	0	0	12,500	0	0	0	0	0	0
	<i>DOANE PET CARE CO.</i>		JOPLIN										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	<i>DYNO NOBEL</i>		CARTHAGE										
		ETHYLENE GLYCOL		480	0	0	480	0	0	0	0	13,280	13,280
		AMMONIA		7,000	0	459	7,459	0	0	0	10,000	0	10,000
		NITRIC ACID		410	0	0	410	0	0	0	43	0	43
		ALUMINUM (FUME OR DUST)		45	0	0	45	0	0	0	0	0	0
		NITROGLYCERIN		0	0	4,713	4,713	0	0	0	2	0	2
		SULFURIC ACID (1994 AND AFTER "ACID		100	0	0	100	0	0	0	595	0	595
		NITRATE COMPOUNDS		0	0	293,752	293,752	0	0	0	417,000	0	417,000
	<i>EAGLE-PICHER TECH. S. L.L.C. E</i>		JOPLIN										
		NITRATE COMPOUNDS		5	0	0	5	10,000	0	0	0	21,000	21,000
		NICKEL COMPOUNDS		5	0	3	8	1	0	26,000	0	1,700	27,700

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		METHANOL		16,400	0	0	16,400	0	20,000	0	0	0	20,000
		NITRIC ACID		500	0	0	500	0	0	0	0	0	0
	<i>EAGLE-PICHER TECHS. CHEMICAL P</i>		JOPLIN										
		PHTHALIC ANHYDRIDE		0	0	0	0	0	0	0	0	0	0
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		LEAD COMPOUNDS		3,510	0	7	3,517	9	0	170,000	0	0	170,000
	<i>EAGLE-PICHER TECHS. L.L.C.</i>		JOPLIN										
		NICKEL COMPOUNDS		5	0	0	5	0	0	65,000	0	0	65,000
		NITRATE COMPOUNDS		5	0	0	5	2,900	0	0	0	27,000	27,000
	<i>FARMERS CHEMICAL CO.</i>		JOPLIN										
		AMMONIA		2,150	0	0	2,150	0	0	0	0	0	0
		ZINC COMPOUNDS		500	250	0	750	0	0	0	0	0	0
		PHOSPHORIC ACID		0	13,000	0	13,000	0	0	0	0	0	0
	<i>ICI EXPLOSIVES ENVIRONMENTAL C</i>		JOPLIN										
		LEAD COMPOUNDS		200	0	0	200	0	0	0	0	563	563
	<i>ICI EXPLOSIVES USA INC.</i>		JOPLIN										
		NITRIC ACID		15,100	0	0	15,100	0	0	0	0	13,000	13,000
		ALUMINUM (FUME OR DUST)		10	0	0	10	0	0	0	0	0	0
		AMMONIA		410,000	5	5,700	415,705	0	0	0	800	0	800
		NITRATE COMPOUNDS		0	250	590,000	590,250	0	0	0	174,000	0	174,000
	<i>INTERNATION PAPER</i>		JOPLIN										
		PENTACHLOROPHENOL		15	0	1	16	5	3	0	2	2	7
	<i>LEGGETT & PLATT WIRE MILL BR.</i>		CARTHAGE										
		PHOSPHORIC ACID		0	0	0	0	5	0	0	0	0	0
		LEAD		255	0	9	264	250	0	201,600	0	0	201,600
	<i>LOZIER CORP. - JOPLIN</i>		JOPLIN										
		NICKEL		1,927	0	0	1,927	250	0	0	0	90	90
		SULFURIC ACID (1994 AND AFTER "ACID		2,474	0	0	2,474	0	0	0	0	0	0
	<i>MISSOURI STEEL CASTINGS INC.</i>		JOPLIN										
		ALUMINUM OXIDE (FIBROUS FORMS)		109	0	0	109	0	0	0	0	21,691	21,691
		NICKEL		824	0	0	824	0	0	0	0	3	3
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
		MANGANESE		0	0	0	0	0	0	0	0	0	0
	<i>MODINE MFG. CO.</i>		JOPLIN										
		CHROMIUM		194	0	0	194	0	0	631	0	2	633

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
JOPLIN	COPPER			28	0	0	28	4	0	122,622	0	94	122,716
	<i>NORANDEX JOPLIN MO</i>		JOPLIN										
	ANTIMONY COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	CHROMIUM COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	MANGANESE COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	<i>PILLSBURY CO.</i>		JOPLIN										
	AMMONIA			750	0	0	750	0	0	0	0	0	0
	<i>SPECIALTY BRANDS INC.</i>		CARTHAGE										
	AMMONIA			18,700	0	0	18,700	0	0	0	0	0	0
	<i>TAMKO ROOFING PRODS. INC.</i>		JOPLIN										
JEFFERSON	FORMALDEHYDE			16,580	0	0	16,580	250	0	0	0	0	0
	<i>BALL-FOSTER GLASS CONTAINER CO</i>		PEVELY										
	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	<i>CARONDELET CORP.</i>		PEVELY										
	DIISOCYANATES			10	0	0	10	0	0	0	0	5	5
	MANGANESE			500	0	0	500	0	0	1,600	0	250	1,850
	TRIETHYLAMINE			3,100	0	0	3,100	0	0	13,000	0	0	13,000
	CHROMIUM			2,550	0	0	2,550	0	0	58,000	0	2,500	60,500
	NICKEL			1,000	0	0	1,000	0	0	27,000	0	1,200	28,200
	COPPER			255	0	0	255	0	0	1,300	0	250	1,550
DOE RUN CO.	1,2,4-TRIMETHYLBENZENE			10,005	0	0	10,005	0	0	0	0	250	250
	PHENOL			10	0	0	10	0	0	0	0	250	250
	COBALT			255	0	0	255	0	0	250	0	250	500
	<i>COMBUSTION ENG. INC.</i>		HEMATITE										
	NITRIC ACID			111	0	0	111	0	0	0	5	0	5
	HYDROGEN FLUORIDE			21,010	0	0	21,010	0	0	0	0	0	0
	AMMONIA			54,300	0	0	54,300	0	0	0	1,620	0	1,620
	<i>DOE RUN CO. HERCULANEUM</i>		HERCULANEUM										
	SULFURIC ACID (1994 AND AFTER "ACID			1,389	2,870	0	4,259	0	0	0	0	0	0
	NICKEL COMPOUNDS			420	9,639	5	10,064	1	0	0	0	0	0
DOE RUN CO.	ARSENIC COMPOUNDS			405	9,639	33	10,077	14	0	0	0	0	0
	ANTIMONY COMPOUNDS			363	482	5	850	0	0	0	0	0	0
	COBALT COMPOUNDS			694	5	5	704	0	0	0	0	0	0
	LEAD COMPOUNDS			192,300	1,353,297	73	1,545,670	750	0	0	0	25,472	25,472

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL	
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP		
DOW CHEMICAL CO.		CADMIUM COMPOUNDS	RIVERSIDE SIT	38,858	7,711	37	46,606	49	0	0	0	0	0	
		ZINC COMPOUNDS		35,549	7,952,167	71	7,987,787	141	0	0	0	8,990	8,990	
		COPPER COMPOUNDS		1,738	231,336	18	233,092	42	0	0	0	970	970	
		CUMENE		1	0	0	1	0	0	0	0	0	0	
		1-CHLORO-1,1-DIFLUOROETHANE		964,000	0	0	964,000	0	0	0	0	0	0	
		ETHYLBENZENE		200	0	0	200	0	3,700	0	0	0	3,700	
		STYRENE		2,700	0	0	2,700	250	28,000	0	0	0	28,000	
DPC ENTERPRISES		CHLOROETHANE	FESTUS	440,000	0	0	440,000	0	0	0	0	0	0	
		CHLORINE		543	0	0	543	0	0	0	0	0	0	
ENGINEERED COIL CO.		CHROMIUM	DBA MARLO	HIGH RIDGE	0	5	0	5	0	0	36,556	0	0	36,556
		COPPER			0	5	0	5	0	0	130,556	0	0	130,556
		NICKEL			0	5	0	5	0	0	26,097	0	0	26,097
H-J ENTERPRISES INC.		COPPER	HIGH RIDGE	217	0	0	217	33,944	0	0	0	0	0	
		LEAD		33,944	0	0	33,944	3,409	0	0	0	0	0	
LAROCHE INDS. INC.		AMMONIA	FESTUS	16,868	0	377	17,245	0	0	0	0	0	0	
		NITRATE COMPOUNDS		0	0	156,207	156,207	0	0	0	0	0	0	
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0	
		SULFURIC ACID (1994 AND AFTER "ACID		0	0	0	0	0	0	0	0	0	0	
MASTERCHEM INDS. INC.		SODIUM NITRITE	IMPERIAL	0	0	0	0	0	0	0	0	0	0	
		ZINC COMPOUNDS		500	0	0	500	0	0	0	0	750	750	
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0	
METAL CONTAINER CORP.		CERTAIN GLYCOL ETHERS	ARNOLD	140,100	0	0	140,100	0	250	0	0	0	250	
		HYDROGEN FLUORIDE		10	0	0	10	0	0	0	0	0	0	
		MANGANESE		0	0	0	0	30	0	0	0	1,900	1,900	
		N-BUTYL ALCOHOL		55,200	0	0	55,200	0	250	0	0	0	250	
RIVER CEMENT CO.		ETHYLENE GLYCOL	FESTUS	0	0	0	0	0	0	0	0	0	0	
		CHROMIUM		0	0	0	0	0	0	0	0	0	0	
		HYDROCHLORIC ACID (1995 AND AFTER		144,318	0	0	144,318	0	0	0	0	0	0	

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
JOHNSON	RUSH ISLAND PLANT		FESTUS										
		ETHYLENE GLYCOL		0	11,000	0	11,000	0	0	0	0	0	0
		ZINC COMPOUNDS		1,100	44,000	2,900	48,000	0	0	0	0	0	0
		NICKEL COMPOUNDS		290	14,000	2,900	17,190	0	0	0	0	0	0
		COPPER COMPOUNDS		390	81,000	280	81,670	0	0	0	0	0	0
		HYDROGEN FLUORIDE		190,000	0	0	190,000	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		31,000	0	0	31,000	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		320	26,000	2,400	28,720	0	0	0	0	0	0
		MANGANESE COMPOUNDS		694	100,000	1,000	101,694	0	0	0	0	0	0
		BARIUM COMPOUNDS		5,500	2,000,000	43,000	2,048,500	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		120,000	0	0	120,000	0	0	0	0	0	0
		W.R. GRACE & CO.-CONN. GRACE C		HILLSBORO									
		NITRATE COMPOUNDS		0	0	0	0	0	0	0	0	0	
JOHNSON	HARMON IND. INC.		WARRENSBURG										
		COPPER		0	0	5	5	0	0	56,210	0	250	56,460
		SODIUM DIMETHYLDITHIOCARBAMATE		0	0	0	0	250	0	18,000	0	0	18,000
	HAWKER ENERGY PRODS. INC.		WARRENSBURG										
		LEAD COMPOUNDS		20	0	0	20	0	0	1,767,103	0	18	1,767,121
	MASTER MARBLE INC.		HOLDEN										
		STYRENE		4,000	0	0	4,000	0	0	0	0	0	0
	RIVAL CO.		WARRENSBURG										
		COPPER		0	0	0	0	0	0	0	0	0	0
	STAHL SPECIALTY CO.		WARRENSBURG										
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		NICKEL COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0	
	NICKEL COMPOUNDS		0	0	0	0	0	0	0	0	0	0	
	ALUMINUM (FUME OR DUST)		0	0	0	0	0	0	0	0	0	0	
	ALUMINUM (FUME OR DUST)		0	0	0	0	0	0	0	0	0	0	
LACLEDE	COPELAND CORP.		LEBANON										
		PHOSPHORIC ACID		0	0	0	0	11,210	0	0	0	0	0
		COPPER COMPOUNDS		0	0	0	0	0	0	2,683	0	0	2,683

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
DETROIT	MANGANESE COMPOUNDS		LEBANON	0	0	0	0	3,563	0	16,980	0	0	16,980
	<i>DETROIT TOOL BISHOP BLDG</i>												
	PROPYLENE		LEBANON	0	0	0	0	0	0	0	0	0	0
	CHROMIUM			250	0	0	250	5	0	1,030	0	23	1,053
	MANGANESE			250	0	0	250	5	0	5,530	0	56	5,586
	NICKEL			250	0	0	250	5	0	2,276	0	18	2,294
	<i>DETROIT TOOL METAL PRODS.</i>												
	MANGANESE		LEBANON	1,750	0	0	1,750	5	0	193,078	0	1,162	194,240
	NICKEL			750	0	0	750	5	0	50,006	0	250	50,256
	CHROMIUM			0	0	0	0	0	0	0	0	0	0
MARATHON	PROPYLENE			0	0	0	0	0	0	0	0	0	0
	<i>MARATHON ELECTRIC</i>												
	COPPER		LEBANON	5	0	0	5	0	0	105,980	0	250	106,230
OMC	TOLUENE			12,556	0	0	12,556	0	929	0	0	0	929
	<i>OMC ALUMINUM BOAT GROUP</i>												
	TOLUENE		LEBANON	54,495	0	0	54,495	0	3,906	0	0	0	3,906
	XYLENE (MIXED ISOMERS)			51,228	0	0	51,228	0	1,953	0	0	0	1,953
SKETTER	DIISOCYANATES			0	0	0	0	0	0	0	0	0	0
	<i>SKETTER PRODUCT INC.</i>												
	DIISOCYANATES		LEBANON	25	0	0	25	0	0	0	0	0	0
TRACKER	<i>TRACKER MARINE LEBANON</i>												
	TOLUENE		LEBANON	15,925	0	0	15,925	0	0	0	0	0	0
	N-HEXANE			16,880	0	0	16,880	0	0	0	0	0	0
LAFAYETTE													
CONTINENTAL	<i>CONTINENTAL DELI FOODS INC.</i>												
	AMMONIA		CONCORDIA	5,568	0	0	5,568	0	0	0	0	0	0
	<i>KITCO INC.</i>												
S & K	STYRENE		ODESSA	17,000	0	0	17,000	0	0	0	0	0	0
	<i>S & K IND. INC.</i>												
	METHANOL		LEXINGTON	14,249	0	0	14,249	0	0	0	3,092	0	3,092
LAWRENCE													
AMERICAN	<i>AMERICAN DEHYDRATED FOODS INC.</i>												
	PHOSPHORIC ACID		VERONA	9	10	0	19	0	0	0	0	0	0
<i>BIOPRODUCTS INC.</i>			AURORA										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)							
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL		
CONOCO INC. - MT. VERNON PRODS	MOUNT VERNON	PHOSPHORIC ACID		0	0	0	0	750	0	0	0	0	0		
		TOLUENE		1,563	0	0	1,563	0	0	0	5	0	5		
		CUMENE		21	0	0	21	0	0	0	0	0	0		
		ETHYLBENZENE		183	0	0	183	0	0	0	5	0	5		
		N-HEXANE		2,121	0	0	2,121	0	0	0	0	0	0		
		PROPYLENE		100	0	0	100	0	0	0	0	0	0		
		XYLENE (MIXED ISOMERS)		887	0	0	887	0	0	0	5	0	5		
		METHYL TERT-BUTYL ETHER		2,282	0	0	2,282	0	0	0	0	0	0		
		1,2,4-TRIMETHYLBENZENE		1,141	0	0	1,141	0	0	0	0	0	0		
		BENZENE		1,171	0	0	1,171	0	0	0	5	0	5		
		2-METHOXYETHANOL		0	0	0	0	0	0	0	0	0	0		
DUCOA L.P.	VERONA	CHLOROMETHANE		330	0	0	330	0	0	0	0	0	0		
		CHLOROACETIC ACID		0	0	0	0	0	0	0	0	0	0		
		METHANOL		197,476	0	0	197,476	4,301	0	0	0	0	0		
		ETHYLENE GLYCOL		0	0	0	0	469	0	0	0	0	0		
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0		
		ETHYLENE OXIDE		2,935	0	0	2,935	1	0	0	0	0	0		
		2-METHOXYETHANOL		0	0	0	0	0	0	0	0	0	0		
		SILGAN CONTAINERS MFG. CORP.	MOUNT VERNON	CERTAIN GLYCOL ETHERS		14,721	0	0	14,721	0	1,567	0	0	0	1,567
		TYSON FOODS INC. AURORA FEED	AURORA	COPPER		0	0	0	0	0	0	0	0	0	0
				ZINC (FUME OR DUST)		0	0	0	0	0	0	0	0	0	0
MANGANESE				0	0	0	0	0	0	0	0	0	0		
LEWIS															
LAGRANGE FNDY. INC.	LA GRANGE	COPPER		253	0	5	258	5	0	0	0	7,430	7,430		
		ALUMINUM OXIDE (FIBROUS FORMS)		0	0	0	0	5	0	0	0	750	750		
		MANGANESE		12,635	0	750	13,385	5	0	0	0	52,512	52,512		
LINCOLN															
BODINE ALUMINUM INC.	TROY	PHENOL		49,860	10	0	49,870	0	0	0	0	5	5		
		SULFURIC ACID (1994 AND AFTER "ACID		0	0	0	0	0	0	0	0	0	0		

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	COPPER			0	0	0	0	0	0	84,405	0	0	84,405
	NICKEL			0	0	0	0	0	0	7,878	0	0	7,878
	IEPPERT MACHINE TOOL & SCREW P		MOSCOW MILLS										
	COPPER			0	0	0	0	0	0	61,621	0	0	61,621
LIVINGSTON													
	DONALDSON CO. INC.		CHILLICOTHE										
	XYLENE (MIXED ISOMERS)		13,352	0	0	13,352	0	1,908	0	0	0	0	1,908
	GLEN-GERY CORP.		UTICA										
	HYDROGEN FLUORIDE		34,780	0	0	34,780	0	0	0	0	0	0	0
	MANGANESE COMPOUNDS		0	0	0	0	0	0	0	0	0	0	0
	BARIUM		0	0	0	0	0	0	0	0	0	0	0
	HUDSON VALLEY POLYMERS		CHILLICOTHE										
	ZINC COMPOUNDS		0	0	0	0	750	0	1,170	0	0	0	1,170
	WIRE ROPE CORP. OF AMERICA INC		CHILLICOTHE										
	NITRIC ACID		5	0	0	5	5	0	0	0	0	0	0
MACON													
	CONAGRA FROZEN FOODS		MACON										
	AMMONIA		0	0	0	0	0	0	0	0	0	0	0
	TOASTMASTER INC.		MACON										
	TRICHLOROETHYLENE		33,906	0	0	33,906	0	0	1,079	0	0	0	1,079
MARIES													
	KINGSFORD MFG. CO.		BELLE										
	METHANOL		1,050	0	0	1,050	0	0	0	0	0	0	0
	NITRATE COMPOUNDS		0	644	4,978	5,622	0	0	0	0	0	0	0
MARION													
	AMERICAN CYANAMID CO., HANNIBA		PALMYRA										
	HYDROCHLORIC ACID (1995 AND AFTER		28,250	5	0	28,255	0	0	0	0	0	0	0
	TRIFLURALIN		10	5	0	15	0	0	0	0	0	0	0
	1,2,4-TRIMETHYLBENZENE		255	5	5	265	0	0	0	0	0	0	0
	COPPER COMPOUNDS		10	5	5	20	0	0	0	0	0	0	0
	N-METHYL-2-PYRROLIDONE		10	5	5	20	0	0	0	0	0	0	0
	PENDIMETHALIN		1,000	5	15	1,020	0	0	0	81,000	560	81,560	0
	NITRATE COMPOUNDS		5	5	18,000	18,010	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		O-XYLENE		37,200	5	20	37,225	0	0	0	0	0	0
		TOLUENE		16,400	5	5	16,410	0	0	0	0	0	0
		NITRIC ACID		4,030	5	5	4,040	0	0	0	0	0	0
		NAPHTHALENE		500	5	5	510	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		3,350	5	5	3,360	0	0	0	0	0	0
		METHANOL		10,100	5	5	10,110	0	0	0	0	0	0
		FORMALDEHYDE		255	5	5	265	0	0	0	0	0	0
		1,2-DICHLOROETHANE		30,300	5	22	30,327	0	0	0	822	62	884
		AMMONIA		530	5	710	1,245	0	0	0	0	0	0
		CYANIDE COMPOUNDS		300	5	5	310	0	0	0	0	0	0
		DICHLOROMETHANE		24,190	5	110	24,305	0	0	0	0	0	0
	BUCKHORN RUBBER PRODS. INC.		HANNIBAL										
		XYLENE (MIXED ISOMERS)		4	0	0	4	0	0	0	0	0	0
		TOLUENE		4	0	0	4	0	0	0	3,600	0	3,600
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	5,907	5,907
	CONTINENTAL CEMENT CO. L.L.C.		HANNIBAL										
		TETRACHLOROETHYLENE		85	0	0	85	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		105	0	0	105	0	0	0	0	0	0
		STYRENE		185	0	0	185	0	0	0	0	0	0
		ACETONITRILE		95	0	0	95	0	0	0	0	0	0
		CYCLOHEXANE		115	0	0	115	0	0	0	0	0	0
		1,4-DIOXANE		85	0	0	85	0	0	0	0	0	0
		ETHYLBENZENE		185	0	0	185	0	0	0	0	0	0
		N-HEXANE		229	0	0	229	0	0	0	0	0	0
		ETHYLENE GLYCOL		55	0	0	55	0	0	0	0	0	0
		TOLUENE		1,910	0	0	1,910	0	0	0	0	0	0
		METHANOL		910	0	0	910	0	0	0	0	0	0
		DIBUTYL PHTHALATE		15	0	0	15	0	0	0	0	0	0
		PHENANTHRENE		15	0	0	15	0	0	0	0	0	0
		SEC-BUTYL ALCOHOL		15	0	0	15	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		5	2,300	0	2,305	0	0	0	0	320	320
		NICKEL COMPOUNDS		5	1,400	0	1,405	0	0	0	0	1,570	1,570
		M-XYLENE		1,166	0	0	1,166	0	0	0	0	0	0
		O-XYLENE		195	0	0	195	0	0	0	0	0	0
		PHTHALIC ANHYDRIDE		15	0	0	15	0	0	0	0	0	0
		BARIUM COMPOUNDS		250	5,500	0	5,750	0	0	0	0	260	260
		DIMETHYL PHTHALATE		15	0	0	15	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
MC DONALD		METHYL ETHYL KETONE		755	0	0	755	0	0	0	0	0	0
		BENZENE		15	0	0	15	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		105	0	0	105	0	0	0	0	0	0
		BIPHENYL		15	0	0	15	0	0	0	0	0	0
		VINYL ACETATE		15	0	0	15	0	0	0	0	0	0
		1,2-DICHLOROBENZENE		15	0	0	15	0	0	0	0	0	0
		DI(2-ETHYLHEXYL) PHTHALATE		15	0	0	15	0	0	0	0	0	0
		1,1,2-TRICHLOROETHANE		48	0	0	48	0	0	0	0	0	0
		M-CRESOL		15	0	0	15	0	0	0	0	0	0
		CHLOROBENZENE		17	0	0	17	0	0	0	0	0	0
		2-ETHOXYETHANOL		15	0	0	15	0	0	0	0	0	0
		LEAD COMPOUNDS		250	33,000	0	33,250	0	0	0	0	170	170
		CUMENE		15	0	0	15	0	0	0	0	0	0
		METHYL TERT-BUTYL ETHER		15	0	0	15	0	0	0	0	0	0
		PHENOL		35	0	0	35	0	0	0	0	0	0
		TRICHLOROETHYLENE		75	0	0	75	0	0	0	0	0	0
		DICHLOROMETHANE		85	0	0	85	0	0	0	0	0	0
		N,N-DIMETHYLFORMAMIDE		55	0	0	55	0	0	0	0	0	0
		PYRIDINE		15	0	0	15	0	0	0	0	0	0
		N-BUTYL ALCOHOL		75	0	0	75	0	0	0	0	0	0
		NAPHTHALENE		25	0	0	25	0	0	0	0	0	0
		N-METHYL-2-PYRROLIDONE		50	0	0	50	0	0	0	0	0	0
		METHYL METHACRYLATE		55	0	0	55	0	0	0	0	0	0
		1,1,1-TRICHLOROETHANE		25	0	0	25	0	0	0	0	0	0
		CHLOROFORM		20	0	0	20	0	0	0	0	0	0
		TERT-BUTYL ALCOHOL		35	0	0	35	0	0	0	0	0	0
		ACETOPHENONE		35	0	0	35	0	0	0	0	0	0
		ENDURO IND. INC.		HANNIBAL									
		CHROMIUM		178	0	0	178	0	0	0	0	22,411	22,411
	ROCHE VITAMINS		PALMYRA										
		AMMONIA		6,400	0	0	6,400	0	0	0	0	0	0
	SIMMONS FEED MILL		ANDERSON										
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	SIMMONS FOODS		SOUTH WEST CITY										
		AMMONIA		1,580	0	310	1,890	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
MERCER	TYSON FOODS INC.		NOEL										
	AMMONIA			4,600	0	281	4,881	0	0	0	0	0	0
	PREMIUM STANDARD FARMS - PRINC		PRINCETON										
MILLER	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	ZINC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
MISSISSIPPI	FASCO IND. INC.		ELDON										
	XYLENE (MIXED ISOMERS)			38,150	0	0	38,150	0	0	0	7,178	0	7,178
	SOLA OPTICAL USA INC.		ELDON										
MONITEAU	DICHLOROMETHANE			2,323	0	0	2,323	0	0	0	1,743	0	1,743
	GATES RUBBER CO.		CHARLESTON										
MONROE	ZINC COMPOUNDS			0	0	0	0	94	0	0	0	25,252	25,252
	CARGILL INC. FEEDMILL		CALIFORNIA										
	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
MONROE	MANGANESE COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	ZINC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	NORDYNE INC.		TIPTON										
MONROE	COPPER			0	0	0	0	0	0	100	0	0	100
	ALCATEL MAGNET WIRE INC.		PARIS										
	COPPER			0	0	0	0	0	0	51,072	0	250	51,322
MONTGOMERY	DIEMAKERS INC.		MONROE CITY										
	COPPER			500	0	0	500	5	0	29,538	0	0	45,698
	PACE IND. INC., MONROE CITY DI		MONROE CITY										
MONTGOMERY	NICKEL			0	0	0	0	0	0	1,725	0	144	1,869
	COPPER			0	0	0	0	0	0	10,346	0	861	11,207
MONTGOMERY	PURINA MILLS INC.		MONTGOMERY CITY										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		MANGANESE COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	<i>UNIQUE AUTOMOTIVE REBUILDERS,</i>		JONESBURG										
		NICKEL		0	0	0	0	0	0	0	0	0	0
		TRICHLOROETHYLENE		13,800	0	0	13,800	0	0	0	0	0	0
	<i>WELLSVILLE FIRE BRICK CO.</i>		WELLSVILLE										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
MORGAN													
	<i>GATES RUBBER CO.</i>		VERSAILLES										
		ZINC COMPOUNDS		0	0	0	0	54	0	15,463	0	0	15,463
NEW MADRID													
	<i>ALLOY RESEARCH INC.</i>		NEW MADRID										
		BERYLLIUM		0	10	0	10	0	0	0	0	10	10
		COPPER COMPOUNDS		13	0	0	13	0	0	0	0	40,000	40,000
		COPPER		0	0	0	0	1	0	0	0	2,200	2,200
		CHROMIUM		0	0	0	0	0	0	0	0	12	12
	<i>NEW MADRID POWER PLANT</i>		NEW MADRID										
		ZINC COMPOUNDS		1,800	20,000	0	21,800	0	0	0	0	5	5
		MANGANESE COMPOUNDS		1,210	26,000	0	27,210	0	0	0	0	5	5
		HYDROGEN FLUORIDE		230,000	0	0	230,000	0	0	0	0	0	0
		COPPER COMPOUNDS		620	34,000	0	34,620	0	0	0	0	5	5
		SULFURIC ACID (1994 AND AFTER "ACID		38,000	0	0	38,000	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		500	7,300	0	7,800	0	0	0	0	250	250
		HYDROCHLORIC ACID (1995 AND AFTER		34,000	0	0	34,000	0	0	0	0	0	0
		BARIUM COMPOUNDS		26,000	1,100,000	7,300	1,133,300	0	0	0	0	5	5
	<i>NORANDA ALUMINUM INC.</i>		NEW MADRID										
		HYDROCHLORIC ACID (1995 AND AFTER		14,036	0	0	14,036	0	0	0	0	0	0
		HYDROGEN FLUORIDE		580,780	0	0	580,780	0	0	0	0	0	0
		COPPER		0	0	0	0	0	0	0	0	160	160
		CHLORINE		2,762	0	0	2,762	0	0	0	0	0	0
		POLYCYCLIC AROMATIC COMPOUNDS		85,348	0	0	85,348	0	0	0	0	0	0
	<i>PLASTENE SUPPLY CO.</i>		PORTAGEVILLE										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		NITRIC ACID		500	0	0	500	0	0	495,500	0	0	495,500
		FORMALDEHYDE		500	0	110	610	0	0	0	0	0	0
		METHANOL		95,750	0	0	95,750	0	0	0	0	0	0
		TOLUENE		32,947	0	0	32,947	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		10	0	95	105	0	0	0	0	44,384	44,384
		NITRATE COMPOUNDS		0	0	36,000	36,000	0	0	0	0	0	0
		COPPER COMPOUNDS		10	0	606	616	0	0	25,687	0	58,587	84,274
		METHYL ETHYL KETONE		98,080	0	100	98,180	0	0	63,750	0	0	63,750
		METHYL ISOBUTYL KETONE		3,436	0	0	3,436	0	0	0	0	0	0
		NICKEL COMPOUNDS		10	0	768	778	0	0	30,824	0	53,852	84,676
	<i>S-R FINISHING</i>		PORTAGEVILLE										
	METHYL ETHYL KETONE			32,495	0	0	32,495	0	0	78,000	0	0	78,000
NEWTON													
	<i>EAGLE-PICHER TECH. L.L.C. COME</i>		SENECA										
	LEAD COMPOUNDS			480	0	250	730	0	0	1,400,000	0	0	1,400,000
	<i>FAG BEARINGS CORP.</i>		JOPLIN										
	METHANOL			0	0	0	0	0	0	0	0	0	0
	CHROMIUM			0	0	0	0	62	0	0	0	4,805	4,805
	<i>HOWARD JOHNSON'S ENTS. INC.</i>		NEOSHO										
	DIAZINON			2	0	0	2	0	0	0	2	0	2
	BENFLURALIN			4	0	0	4	0	0	0	334	3	337
	<i>LA-Z-BOY MIDWEST</i>		NEOSHO										
	CERTAIN GLYCOL ETHERS			8,762	0	0	8,762	0	750	0	0	0	750
	<i>MILNOT CO.</i>		SENECA										
	NITRATE COMPOUNDS			0	0	32,000	32,000	0	0	0	0	0	0
	NITRIC ACID			0	0	0	0	0	0	0	0	0	0
	<i>NUTRA BLEND CORP. 130130</i>		NEOSHO										
	MANGANESE COMPOUNDS			24	0	0	24	0	0	0	0	23	23
	ZINC COMPOUNDS			56	0	0	56	0	0	0	0	56	56
	COPPER COMPOUNDS			12	0	0	12	0	0	0	0	12	12
	<i>TALBOT IND. INC.</i>		NEOSHO										
	SULFURIC ACID (1994 AND AFTER "ACID			17,680	0	0	17,680	0	0	0	0	0	0
	NICKEL COMPOUNDS			1,500	0	0	1,500	36	0	14,000	0	0	14,000
NODAWAY													

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
OSAGE	EVEREADY BATTERY CO. INC.		MARYVILLE										
		ZINC (FUME OR DUST)		0	0	0	0	0	0	0	0	0	0
		MANGANESE COMPOUNDS		380	0	0	380	20	0	0	0	391,073	391,073
		ZINC COMPOUNDS		0	0	0	0	1	0	0	0	2,188	2,188
	FEDERAL-MOGUL		MARYVILLE										
		MANGANESE COMPOUNDS		0	13,200	0	13,200	500	0	0	0	0	0
	KAWASAKI MOTORS MFG. CORP.		MARYVILLE										
		COPPER		230	0	0	230	5	0	27,750	0	0	27,750
	LACLEDE CHAIN MFG.		MARYVILLE										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		NICKEL COMPOUNDS		0	10,000	0	10,000	2	0	0	0	10,000	10,000
		MANGANESE COMPOUNDS		0	0	0	0	3	0	0	0	780	780
	ADVANCED COMPOSITE TECHS. INC.												
	STYRENE	CHAMOIIS	0	0	0	0	0	0	0	0	0	0	
CHAMOIIS POWER PLANT		CHAMOIIS											
	HYDROCHLORIC ACID (1995 AND AFTER		210,000	0	0	210,000	0	0	0	0	0	0	
	SULFURIC ACID (1994 AND AFTER "ACID		130,000	0	0	130,000	0	0	0	0	0	0	
QUAKER WINDOW PRODS. CO.		FREEBURG											
	XYLENE (MIXED ISOMERS)		17,900	0	0	17,900	0	0	1,982	0	250	2,232	
	DIISOCYANATES		0	0	0	0	0	0	0	0	0	0	
	PROPYLENE		0	0	0	0	0	0	0	0	0	0	
PEMISCOT													
LOXCREEN CO. INC.		HAYTI											
	NICKEL		0	0	0	0	5	0	0	0	8	8	
	XYLENE (MIXED ISOMERS)		11,555	0	0	11,555	0	58	0	0	0	58	
	PHOSPHORIC ACID		581	0	0	581	0	0	0	0	0	0	
	NITRIC ACID		255	0	0	255	0	0	0	0	0	0	
TRINITY MARINE BARGE COVER FAB		CARUTHERSVILLE											
	DIMETHYL PHTHALATE		0	265	0	265	250	0	0	250	0	250	
	STYRENE		199,438	0	0	199,438	0	30,297	0	0	0	30,297	
TRINITY MARINE PRODS. INC.		CARUTHERSVILLE											
	XYLENE (MIXED ISOMERS)		22,486	0	0	22,486	0	9,398	0	0	0	9,398	

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	ZINC (FUME OR DUST)			414	0	0	414	0	0	0	0	0	0
PERRY													
	<i>H & G MARINE SERVICE INC.</i>		PERRYVILLE										
	DIISOCYANATES		0	0	0	0	0	0	0	0	0	0	0
	<i>TG USA CORP.</i>		PERRYVILLE										
	CERTAIN GLYCOL ETHERS		21,543	0	0	21,543	0	0	0	0	0	0	0
	METHYL ETHYL KETONE		122,987	0	0	122,987	0	0	30,000	0	0	0	30,000
	TOLUENE		105,020	0	0	105,020	0	0	0	0	0	0	0
	METHYL ISOBUTYL KETONE		28,425	0	0	28,425	0	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)		37,693	0	0	37,693	0	0	0	0	0	0	0
PETTIS													
	<i>ADCO INC.</i>		SEDALIA										
	1,2,4-TRIMETHYLBENZENE		255	0	0	255	0	0	0	0	0	0	0
	TETRACHLOROETHYLENE		2,871	0	0	2,871	0	0	3,792	0	0	0	3,792
	TRICHLOROETHYLENE		2,088	0	0	2,088	0	0	0	0	0	0	0
	CERTAIN GLYCOL ETHERS		10	0	0	10	0	0	0	0	0	0	0
	<i>ALCAN CABLE</i>		SEDALIA										
	ANTIMONY COMPOUNDS		0	0	0	0	0	0	0	0	0	0	0
	ACETOPHENONE		10,000	0	0	10,000	0	0	0	0	0	0	0
	<i>GARDNER DENVER INC.</i>		SEDALIA										
	NICKEL		0	0	0	0	4	0	10,762	0	194	10,956	10,956
	<i>HAYES LEMMERZ INTL. INC.</i>		SEDALIA										
	ZINC COMPOUNDS		20	0	0	20	5	0	0	0	0	0	0
	MANGANESE		750	0	0	750	0	0	0	0	0	0	0
	PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)		17,900	0	0	17,900	5	0	0	0	0	0	0
	<i>MISSOURI PRESSED METALS INC.</i>		SEDALIA										
	COPPER		0	0	0	0	0	0	0	0	0	0	0
	TRICHLOROETHYLENE		96,443	0	0	96,443	0	0	0	2,070	0	2,070	2,070
	<i>PARKHURST MFG. CO.</i>		SEDALIA										
	XYLENE (MIXED ISOMERS)		30,684	0	0	30,684	0	770	0	0	0	770	770
	<i>RIVAL CO.</i>		SEDALIA										
	SULFURIC ACID (1994 AND AFTER "ACID		0	0	0	0	0	0	0	0	0	0	0
	<i>SIERRA BULLETS L.L.C.</i>		SEDALIA										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
	COPPER		SEDALIA	0	0	5	5	250	0	355,391	0	250	355,641
	LEAD	0		0	1	1	5	0	225,490	0	250	225,740	
	ANTIMONY	0		0	5	5	0	0	5,929	0	5	5,934	
	STARLINE INC.												
	COPPER		SEDALIA	0	0	0	0	5	0	96,342	0	250	96,592
	TYSON FOODS INC.												
	PHOSPHORIC ACID		SEDALIA	0	0	0	0	0	0	0	0	0	0
	CHLORINE	5		0	0	5	0	0	0	0	0	0	
	AMMONIA	8,600		0	5,250	13,850	0	0	0	0	0	0	
	TYSON FOODS INC. FEEDMILL												
	MANGANESE COMPOUNDS		SEDALIA	0	0	0	0	0	0	0	0	0	0
	ZINC COMPOUNDS	0		0	0	0	0	0	0	0	0	0	
	COPPER COMPOUNDS	0		0	0	0	0	0	0	0	0	0	
	WATERLOO INDS. INC.												
	TOLUENE		SEDALIA	29,765	0	0	29,765	0	4,360	0	0	0	4,360
	PHOSPHORIC ACID	0		0	0	0	12,642	0	0	0	0	0	
	XYLENE (MIXED ISOMERS)	20,076		0	0	20,076	0	3,011	0	0	0	3,011	
PHELPS													
	BREWER SCIENCE INC.		ROLLA										
	N-METHYL-2-PYRROLIDONE	0		0	0	0	0	33,444	0	0	0	33,444	
	BRIGGS & STRATTON CORP., ROLLA		ROLLA										
	COPPER	5		0	0	5	0	0	63,271	250	0	63,521	
	TOLUENE			1,362	0	0	1,362	0	0	0	0	0	0
	PIKE												
	DYNO NOBEL INC. LOMO PLANT		LOUISIANA										
	AMMONIA			186,700	0	12,000	198,700	0	0	0	0	0	0
	NITRIC ACID			8,000	0	0	8,000	0	0	0	0	0	0
	NITRATE COMPOUNDS			0	0	750,000	750,000	0	0	0	0	0	0
	HOLNAM INC. CLARKSVILLE PLANT		CLARKSVILLE										
	TRICHLOROETHYLENE			143	0	0	143	0	4,461	0	0	0	4,461
	METHYL METHACRYLATE			91	0	0	91	0	2,943	0	0	0	2,943
	PHTHALIC ANHYDRIDE			1	0	0	1	0	35	0	0	0	35
	METHYL ACRYLATE			1	0	0	1	0	35	0	0	0	35
	STYRENE			143	0	0	143	0	4,461	0	0	0	4,461

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		CYCLOHEXANOL		16	0	0	16	0	536	0	0	0	536
		METHYL TERT-BUTYL ETHER		9	0	0	9	0	268	0	0	0	268
		ISOPROPYL ALCOHOL		868	0	0	868	0	27,653	0	0	0	27,653
		TERT-BUTYL ALCOHOL		1	0	0	1	0	90	0	0	0	90
		DICHLOROMETHANE		736	0	0	736	0	24,086	0	0	0	24,086
		ACETONITRILE		2	0	0	2	0	90	0	0	0	90
		CUMENE		3	0	0	3	0	90	0	0	0	90
		ETHYLBENZENE		497	0	0	497	0	15,541	0	0	0	15,541
		LEAD COMPOUNDS		110	32,156	0	32,266	0	239	0	0	0	239
		METHYL ETHYL KETONE		1,146	0	0	1,146	0	35,399	0	0	1,175	36,574
		METHYL ISOBUTYL KETONE		267	0	0	267	0	8,920	0	0	0	8,920
		TETRACHLOROETHYLENE		689	0	0	689	0	19,624	0	0	0	19,624
		TOLUENE		3,278	0	0	3,278	0	105,262	0	0	0	105,262
		VINYL ACETATE		910	0	0	910	0	29,438	0	0	0	29,438
		XYLENE (MIXED ISOMERS)		2,079	0	0	2,079	0	66,903	0	0	0	66,903
		CYCLOHEXANE		595	0	0	595	0	19,624	0	0	0	19,624
		CHLOROBENZENE		151	0	0	151	0	4,817	0	0	0	4,817
		1,1,2-TRICHLOROETHANE		5	0	0	5	0	179	0	0	0	179
		CHROMIUM COMPOUNDS		3	3,482	0	3,485	0	105	0	0	0	105
		METHANOL		614	0	0	614	0	19,624	0	0	0	19,624
		ZINC COMPOUNDS		936	190,832	0	191,768	0	1,299	0	0	0	1,299
		NICKEL COMPOUNDS		7	3,493	0	3,500	0	59	0	0	0	59
		MANGANESE COMPOUNDS		4	2,007	0	2,011	0	0	0	0	0	0
		CHLORINE		92,803	0	0	92,803	0	0	0	0	0	0
		CHLOROFORM		1	0	0	1	0	90	0	0	0	90
		N-BUTYL ALCOHOL		54	0	0	54	0	1,783	0	0	0	1,783
		BENZENE		1	0	0	1	0	35	0	0	0	35
		1,1,1-TRICHLOROETHANE		55	0	0	55	0	1,783	0	0	0	1,783
		BARIUM COMPOUNDS		172	29,567	0	29,739	0	659	0	0	0	659
		HYDROCHLORIC ACID (1995 AND AFTER		220,800	0	0	220,800	0	0	0	0	0	0
LOUISIANA MFG. CO.				LOUISIANA									
		COPPER		95	0	0	95	0	0	1,116	0	0	1,116
MISSOURI CHEMICAL WORKS				LOUISIANA									
		FORMIC ACID		5,493	0	0	5,493	0	0	0	0	0	0
		FORMALDEHYDE		155,000	0	0	155,000	0	0	0	1,000	0	1,000
		CHLORINE		240	0	0	240	0	0	0	0	0	0
		ACETALDEHYDE		100	0	0	100	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
PLATTE		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		SILVER		21	0	0	21	0	0	11,000	0	0	11,000
		METHANOL		816,000	0	0	816,000	0	0	0	0	0	0
	HARLEY DAVIDSON MOTOR CO.		KANSAS CITY										
		METHYL ETHYL KETONE		3,212	0	0	3,212	0	0	29,334	0	0	29,334
		XYLENE (MIXED ISOMERS)		3,918	0	0	3,918	0	0	29,334	0	0	29,334
		METHYL ISOBUTYL KETONE		9,692	0	0	9,692	0	0	0	0	0	0
	IATAN GENERATING STATION		WESTON										
		BARIUM COMPOUNDS		12,000	680,000	0	692,000	0	0	0	0	0	0
		ZINC COMPOUNDS		1,100	14,000	0	15,100	0	0	0	0	0	0
		COPPER COMPOUNDS		410	25,000	0	25,410	0	0	0	0	0	0
		HYDROGEN FLUORIDE		140,000	0	0	140,000	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		82,000	0	0	82,000	0	0	0	0	0	0
		MANGANESE COMPOUNDS		550	17,000	0	17,550	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		12,005	0	0	12,005	0	0	0	0	0	0
	OGDEN AVIATION SERVICE CO. OF		KANSAS CITY										
		NAPHTHALENE		85	0	0	85	0	4,568	0	418	0	4,986
		TOLUENE		293	0	0	293	0	6,661	0	610	0	7,271
		M-XYLENE		277	0	0	277	0	11,419	0	1,045	0	12,464
		O-XYLENE		193	0	0	193	0	5,329	0	488	0	5,817
		1,2,4-TRIMETHYLBENZENE		289	0	0	289	0	14,464	0	1,324	0	15,788
		BENZENE		494	0	0	494	0	3,045	0	279	0	3,324
	VULCAN CHEMICAL TECH. INC.		KANSAS CITY										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	WOODBIDGE CORP., KANSAS CITY		RIVERSIDE										
		DIETHANOLAMINE		0	0	0	0	0	0	0	0	0	0
		DIISOCYANATES		250	0	0	250	0	0	0	0	0	0
		TOLUENE DIISOCYANATE (MIXED		1,000	0	0	1,000	0	0	0	250	0	250
POLK													
	H & H FARM PRODS. MFG. INC.		BOLIVAR										
		TOLUENE		54,496	0	0	54,496	0	0	0	0	0	0
	TRACKER MARINE		BOLIVAR										
		N-HEXANE		10,716	0	0	10,716	0	0	0	0	0	0
		TOLUENE		23,648	0	0	23,648	0	30,080	0	0	0	30,080

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
PUTNAM													
	PREMIUM STANDARD FARMS - LUCER		LUCERNE										
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		MANGANESE COMPOUNDS		0	0	0	0	0	0	0	0	0	0
RALLS													
	CENTERLINE INDS. INC.		SAVERTON										
		LEAD COMPOUNDS		1	0	0	1	0	86	0	0	0	86
		METHANOL		10,976	0	0	10,976	0	2,810	0	0	0	2,810
		ETHYLENE GLYCOL		3	0	0	3	0	169	0	0	0	169
	COSMOFLEX INC.		HANNIBAL										
		DI(2-ETHYLHEXYL) PHTHALATE		1,572	0	0	1,572	250	0	0	0	0	0
	PILLSBURY INC., HANNIBAL PLANT		HANNIBAL										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	WATLOW INDS.		HANNIBAL										
		COPPER COMPOUNDS		10	0	0	10	0	0	5	0	5	10
		CHROMIUM COMPOUNDS		10	0	0	10	250	0	22,000	0	250	22,250
		NICKEL COMPOUNDS		10	0	0	10	250	0	14,500	0	5	14,505
RANDOLPH													
	MOBERLY BRAKE OPS.		MOBERLY										
		METHANOL		0	0	0	0	0	0	0	0	0	0
	THOMAS HILL ENERGY CENTER - PO		CLIFTON HILL										
		ZINC COMPOUNDS		2,000	23,000	1,000	26,000	0	0	0	0	5	5
		BARIUM COMPOUNDS		41,000	1,400,000	500	1,441,500	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		32,000	0	0	32,000	0	0	0	0	0	0
		COPPER COMPOUNDS		605	38,000	500	39,105	0	0	0	0	5	5
		HYDROGEN FLUORIDE		220,000	0	0	220,000	0	0	0	0	0	0
		MANGANESE COMPOUNDS		1,350	32,000	1,000	34,350	0	0	0	0	5	5
		AMMONIA		6,905	0	0	6,905	0	0	0	0	0	0
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		18,000	0	0	18,000	0	0	0	0	0	0
	WILSON TRAILER CO.		MOBERLY										
		CHROMIUM		0	0	0	0	0	0	70,200	0	0	70,200
		MANGANESE		0	0	0	0	0	0	14,300	0	830	15,130

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
RAY		PHOSPHORIC ACID		1,000	0	0	1,000	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		2,100	0	0	2,100	0	0	0	0	0	0
		NICKEL		0	0	0	0	0	0	56,660	0	4,100	60,760
	<i>PACIFIC EPOXY POLYMERS INC.</i>		RICHMOND										
		METHYL ISOBUTYL KETONE		0	0	0	0	0	0	0	0	0	0
		PHENOL		0	0	0	0	0	0	0	0	0	0
		4,4'-ISOPROPYLIDENEDIPHENOL		0	0	0	0	0	0	0	0	0	0
		O-CRESOL		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		500	0	0	500	0	7,035	0	0	0	7,035
		XYLENE (MIXED ISOMERS)		10	0	0	10	0	24,558	0	0	0	24,558
REYNOLDS		DIGLYCIDYL RESORCINOL ETHER		10	0	0	10	0	250	0	0	0	250
		TOLUENE		500	0	0	500	0	2,060	0	0	0	2,060
		EPICHLOROHYDRIN		255	0	0	255	0	500	250	0	0	750
	<i>U.S. GRANULES ALMEG DIV.</i>		HENRIETTA										
		ALUMINUM (FUME OR DUST)		500	0	0	500	0	0	0	0	249,404	249,404
	<i>BRUSHY CREEK MINE/MILL</i>		BUNKER										
		LEAD COMPOUNDS		11,783	1,390,891	1,636	1,404,310	0	0	0	0	0	0
		COPPER COMPOUNDS		250	322,967	250	323,467	0	0	0	0	0	0
		CYANIDE COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		766	2,745,221	2,662	2,748,649	0	0	0	0	0	0
RIPLEY	<i>FLETCHER MINE/MILL</i>		BUNKER										
		COPPER COMPOUNDS		250	212,224	250	212,724	0	0	0	0	0	0
		ZINC COMPOUNDS		255	1,910,012	750	1,911,017	0	0	0	0	0	0
		LEAD COMPOUNDS		23,193	4,199,118	750	4,223,061	0	0	0	0	0	0
	<i>SWEETWATER MINE/MILL</i>		ELLINGTON										
		ZINC COMPOUNDS		250	1,779,968	750	1,780,968	0	0	0	0	0	0
		LEAD COMPOUNDS		3,527	1,874,740	165	1,878,432	0	0	0	0	0	0
	<i>WESTFORK MINE/MILL</i>		BUNKER										
		COPPER COMPOUNDS		5	178,748	250	179,003	0	0	0	0	0	0
		ZINC COMPOUNDS		5	3,574,960	750	3,575,715	0	0	0	0	0	0
		LEAD COMPOUNDS		914	3,052,308	250	3,053,472	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	VITRONIC		DONIPHAN										
		NITRIC ACID		5	0	0	5	0	0	0	0	0	0
		ANTIMONY		0	0	0	0	0	0	3,730	0	0	3,730
SALINE													
	CONAGRA FROZEN FOODS INC.		MARSHALL										
		AMMONIA		33,200	0	0	33,200	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	EXCEL CORP.		MARSHALL										
		AMMONIA		25,000	0	0	25,000	25,500	0	0	0	0	0
	KENT FEEDS INC.		MARSHALL										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	UNIVERSAL FOREST PRODS. SOUTHW		SLATER										
		ARSENIC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	SCOTT												
	ALAN WIRE CO. INC.		SIKESTON										
		COPPER		0	0	0	0	0	0	1,516,761	0	0	1,516,761
	ESSEX GROUP INC.		SIKESTON										
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	3,567	0	2,175	5,742
		COPPER		0	0	7	7	0	0	3,116,965	0	0	3,116,965
		LEAD COMPOUNDS		0	0	0	0	0	0	7,183	0	4,380	11,563
	GOOD HUMOR CORP.		SIKESTON										
		AMMONIA		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		AMMONIA		1,011	0	0	1,011	250	0	0	0	1,214	1,214
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	HERITAGE AMERICAN HOMES		SIKESTON										
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
	IMCO RECYCLING OF ILLINOIS INC		MINER										
		MANGANESE		10	0	0	10	0	0	4,400	0	500	4,900
		COPPER		70	0	0	70	0	0	40,000	0	3,400	43,400
		ALUMINUM (FUME OR DUST)		4,000	0	0	4,000	0	0	0	0	200,000	200,000
SIKESTON POWER STATION													

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
SHANNON		HYDROCHLORIC ACID (1995 AND AFTER		186,315	0	0	186,315	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		116,880	0	0	116,880	0	0	0	0	0	0
		ZINC COMPOUNDS		35,277	6,569,548	0	6,604,825	0	0	0	0	0	0
		BARIUM COMPOUNDS		1,423	265,034	0	266,457	0	0	0	0	0	0
		COPPER COMPOUNDS		1,067	198,789	0	199,856	0	0	0	0	0	0
		ARSENIC COMPOUNDS		5	885	0	890	0	0	0	0	0	0
		NICKEL COMPOUNDS		15	2,702	0	2,717	0	0	0	0	0	0
		TETRA PAK INC.	SIKESTON										
	CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0	
SHELBY			SUMMERSVILLE										
		METHANOL		2,753,280	0	0	2,753,280	0	0	0	0	0	0
ST CHARLES			SHELBINA										
		COPPER		0	0	53	53	1	0	0	0	0	0
		HEATUBE CO.	CLARENCE										
		COPPER		10	0	0	10	0	0	245,983	0	78	246,061
		LEAD		0	0	0	0	0	0	14,548	0	0	14,548
		CHROMIUM		500	0	0	500	0	0	15,506	0	0	15,506
		NICKEL		500	0	0	500	0	0	15,841	0	250	16,091
			SAINT CHARLES										
	ALFA LAVAL CARDINAL		0	0	0	0	0	0	0	0	66,912	66,912	
	APPLIED FOOD BIOTECHNOLOGY	O FALLON											
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	
SHELBY		GMTG WENTZILLE TRUCK ASSEMBLY	WENTZVILLE										
		TOLUENE		8,390	0	0	8,390	0	1,200	0	30	0	1,230
		METHYL ETHYL KETONE		4,900	0	0	4,900	0	4,600	0	10	0	4,610
		BENZENE		160	0	0	160	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		41,700	0	0	41,700	0	0	7,300	930	0	8,230
		ETHYLENE GLYCOL		12	0	0	12	3,000	0	0	0	0	0
		METHYL ISOBUTYL KETONE		38,300	0	0	38,300	0	1,600	0	430	0	2,030
		XYLENE (MIXED ISOMERS)		362,000	0	0	362,000	0	260,000	190,000	810	0	450,810
		SODIUM NITRITE		0	0	0	0	3,700	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
GW COMPOSITES INC.		HYDROCHLORIC ACID (1995 AND AFTER		57,000	0	0	57,000	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		ETHYLBENZENE		76,900	0	0	76,900	0	50,000	36,000	240	0	86,240
		N-BUTYL ALCOHOL		46,300	0	0	46,300	0	1,000	0	210	0	1,210
		ZINC COMPOUNDS		0	0	0	0	420	0	0	0	7,500	7,500
		METHANOL		14,300	0	0	14,300	0	1,500	0	300	0	1,800
		MANGANESE COMPOUNDS		0	0	0	0	300	0	0	0	3,800	3,800
		CERTAIN GLYCOL ETHERS		282,700	0	0	282,700	42,000	5,100	0	1,100	1,300	7,500
		O FALLON											
HITCHINER MFG. CO. INC.		STYRENE		56,623	0	0	56,623	0	0	0	750	0	750
		DIMETHYL PHTHALATE		0	0	0	0	0	0	0	0	0	0
		O FALLON											
LEONARD'S METAL INC.		AMMONIA		22,881	0	0	22,881	0	0	0	0	0	0
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		HYDROGEN FLUORIDE		0	0	0	0	0	0	0	0	0	0
		SAINT CHARLES											
M. A. HANNA COLOR		ANTIMONY		0	0	0	0	0	0	0	0	0	0
		LEAD		0	0	0	0	0	0	0	0	0	0
		SAINT PETERS											
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
MCDONNELL DOUGLAS CORP.		LEAD COMPOUNDS		0	0	0	0	0	0	0	0	1,379	1,379
		CADMIUM COMPOUNDS		0	0	0	0	0	0	0	0	1,067	1,067
		SAINT CHARLES											
		COPPER		25	0	0	25	0	0	10,111	0	20	10,131
		SAINT PETERS											
MEMC ELECTRONIC MATERIALS INC.		OZONE		176	0	0	176	0	0	0	0	0	0
		NITRIC ACID		34	0	0	34	0	0	0	0	0	0
		HYDROGEN FLUORIDE		855	0	0	855	0	0	0	0	0	0
		AMMONIA		30,221	0	0	30,221	0	0	0	0	0	0
		PHOSPHORIC ACID		22	0	0	22	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		755	0	0	755	0	0	0	0	0	0
MIDWEST ALLOY		O FALLON											
		CHROMIUM		814	0	0	814	0	0	0	0	814	814
PPG CHEMFIL OFALLON		O FALLON											
		NICKEL COMPOUNDS		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		SODIUM NITRITE		14	0	0	14	0	0	0	0	138	138
		PHOSPHORIC ACID		117	0	0	117	0	0	0	1	1	2
		CERTAIN GLYCOL ETHERS		374	0	0	374	0	1,816	0	51	10	1,877
		MANGANESE COMPOUNDS		58	0	0	58	0	0	0	0	511	511
		NITRATE COMPOUNDS		4	0	0	4	0	0	0	3,372	0	3,372
		ZINC COMPOUNDS		120	0	0	120	0	0	0	0	1,663	1,663
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
	PPG INDS. INC. WENTZVILLE		WENTZVILLE										
		METHYL ISOBUTYL KETONE		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		21	0	0	21	0	968	0	545	0	1,513
		XYLENE (MIXED ISOMERS)		10	0	0	10	0	416	0	82	0	498
	RECKITT & COLMAN INC.		SAINT PETERS										
		CERTAIN GLYCOL ETHERS		0	0	0	0	250	0	0	0	0	0
	SAFETY-KLEEN SYS. (516003)		SAINT CHARLES										
		ETHYLENE GLYCOL		4	0	0	4	0	0	127,485	0	0	127,485
	SIOUX POWER PLANT		WEST ALTON										
		BARIUM COMPOUNDS		14,000	830,000	6,800	850,800	0	0	0	0	0	0
		HYDROGEN FLUORIDE		180,000	0	0	180,000	0	0	0	0	0	0
		COPPER COMPOUNDS		470	35,000	200	35,670	0	0	0	0	0	0
		CHROMIUM COMPOUNDS		630	23,000	260	23,890	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER	2,700,000	0	0	0	2,700,000	0	0	0	0	0	0
		LEAD COMPOUNDS		800	23,000	95	23,895	0	0	0	0	0	0
		NICKEL COMPOUNDS		850	96,000	400	97,250	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID	450,000	0	0	0	450,000	0	0	0	0	0	0
		ZINC COMPOUNDS		3,700	270,000	940	274,640	0	0	0	0	0	0
		MANGANESE COMPOUNDS		874	37,000	340	38,214	0	0	0	0	0	0
	SUPERIOR HOME PRODS. INC.		WENTZVILLE										
		STYRENE		31,600	0	0	31,600	0	13	793	0	0	806
	TRANSFORMER MATERIALS CO.		SAINT PETERS										
		METHANOL		20,580	0	0	20,580	0	0	0	0	0	0
		METHYL ETHYL KETONE		98,570	0	0	98,570	0	0	0	0	0	0
		TOLUENE		54,466	0	0	54,466	0	0	0	0	0	0
	TRUE MFG. CO. INC.		O FALLON										
		TOLUENE		67,400	0	0	67,400	0	30,000	0	0	0	30,000

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL	
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP		
ST LOUIS	U.S. DOE WELDON SPRING SITE	CHLORODIFLUOROMETHANE	SAINT CHARLES	38,000	0	0	38,000	0	0	0	0	0	0	
		1,1-DICHLORO-1-FLUOROETHANE		81,000	0	0	81,000	0	0	0	0	0	0	
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0	
		METHYL ETHYL KETONE		61,500	0	0	61,500	0	16,100	0	0	0	16,100	
		BARIUM COMPOUNDS		0	6,162	74	6,236	0	0	0	0	0	0	0
	WILSON MARBLE INC.	ALUMINUM (FUME OR DUST)	0	10,982	0	10,982	0	0	0	0	0	0	0	
		AMMONIA	11,334	350	1	11,685	0	0	0	0	0	0	0	
		STYRENE	O FALLON	4,200	0	0	4,200	0	0	0	0	0	0	0
		TOLUENE DIISOCYANATE (MIXED		500	0	0	500	0	0	0	5	0	5	5
		DIETHANOLAMINE		0	0	0	0	0	0	0	0	0	0	0
DIISOCYANATES	0	0		0	0	0	0	0	0	0	0	0		
ST FRANCOIS	ZOLTEK CORP.	SAINT CHARLES	CYANIDE COMPOUNDS	2,602	0	0	2,602	110	0	0	11	0	11	11
	AMMONIA		13,480	0	0	13,480	2,730	0	0	0	0	0	0	0
	ETHYLBENZENE		FARMINGTON	7,930	0	0	7,930	0	1,838	12,672	0	0	14,510	14,510
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)			38,585	0	0	38,585	0	8,663	139,508	0	0	148,171	148,171
N-BUTYL ALCOHOL	4,470	0		0	4,470	0	0	7,148	0	0	7,148	7,148		
ST LOUIS	LITTLE TIKES COMMERCIAL PLAY S	FARMINGTON	DIISOCYANATES	0	0	0	0	0	0	0	0	0	0	0
	CERTAIN GLYCOL ETHERS		20,470	0	0	20,470	0	0	0	0	0	0	0	0
	NICKEL COMPOUNDS		EARTH CITY	0	0	0	0	0	0	3,577	278	854	4,709	4,709
	FORMALDEHYDE			2	0	0	2	0	0	0	9,690	0	9,690	9,690
	NITRATE COMPOUNDS			0	0	0	0	0	0	0	27,795	0	27,795	27,795
COPPER COMPOUNDS	0	0		0	0	0	0	5,366	0	1,689	7,055	7,055		
ST LOUIS	ALCO CONTROLS	MARYLAND HEIGHTS	NITRIC ACID	0	0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	AMMONIA			0	0	0	0	0	0	0	0	0	0
	COPPER			0	0	0	0	17	0	398,606	0	0	398,606
	ASHLAND DISTRIBUTION CO.		SAINT LOUIS										
	CERTAIN GLYCOL ETHERS			398	0	0	398	0	1,680	0	0	0	1,680
	CUMENE			7	0	0	7	0	880	0	0	0	880
	SEC-BUTYL ALCOHOL			1	0	0	1	0	1,670	0	0	0	1,670
	N-BUTYL ALCOHOL			188	0	0	188	0	443	0	0	0	443
	1,2,4-TRIMETHYLBENZENE			52	0	0	52	0	840	0	0	0	840
	METHANOL			870	0	0	870	0	4,890	0	0	0	4,890
	N-HEXANE			1,290	0	0	1,290	0	3,100	0	0	0	3,100
	METHYL ETHYL KETONE			520	0	0	520	0	820	0	0	0	820
	NAPHTHALENE			19	0	0	19	0	1,680	0	0	0	1,680
	ETHYLENE GLYCOL			190	0	0	190	0	2,510	0	0	0	2,510
	DIBUTYL PHTHALATE			0	0	0	0	0	0	0	0	0	0
	TOLUENE			950	0	0	950	0	9,200	0	0	0	9,200
	DICHLOROMETHANE			0	0	0	0	0	0	0	0	0	0
	XYLENE (MIXED ISOMERS)			960	0	0	960	0	22,700	0	0	0	22,700
	METHYL ISOBUTYL KETONE			0	0	0	0	0	0	0	0	0	0
	STYRENE			2	0	0	2	0	2,427	0	0	0	2,427
	BEATRICE FOODS OPERATING CO. O		VINITA PARK										
	PHOSPHORIC ACID			0	0	0	0	5	0	0	0	0	0
	NITRIC ACID			0	0	0	0	5	0	0	0	0	0
	BECTON DICKINSON & CO., ACCU-G		SAINT LOUIS										
	LEAD			5	0	0	5	0	0	48,155	0	0	48,155
	BELTSERVICE CORP.		EARTH CITY										
	TRICHLOROETHYLENE			27,595	0	0	27,595	0	0	0	0	0	0
	4,4'-METHYLENEBIS(2-CHLOROANILINE)			0	0	0	0	0	0	0	0	0	0
	TOLUENE			26,702	0	0	26,702	1	250	0	0	0	250
	BORDEN PASTA FENTON FACILITY		FENTON										
	BROMOMETHANE			22,000	0	0	22,000	0	0	0	0	0	0
	BUCKEYE INTL. INC.		MARYLAND HEIGHTS										
	SODIUM NITRITE			0	0	0	0	0	0	0	0	0	0
	ZINC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	CERTAIN GLYCOL ETHERS			2,150	0	0	2,150	580	0	0	0	0	0
	DIBUTYL PHTHALATE			250	0	0	250	5	0	0	0	0	0
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
CENTERLINE IND. INC.			SAINT LOUIS										
		TOLUENE		5,072	0	0	5,072	0	12,028	0	0	0	12,028
		METHYL ETHYL KETONE		494	0	0	494	0	1,499	0	0	0	1,499
		METHANOL		1,573	0	0	1,573	0	3,214	0	0	0	3,214
		N-HEXANE		5,587	0	0	5,587	0	7,939	0	0	0	7,939
		LEAD COMPOUNDS		8	0	0	8	0	1,488	0	0	0	1,488
		XYLENE (MIXED ISOMERS)		35	0	0	35	0	361	0	0	0	361
		ETHYLENE GLYCOL		452	0	0	452	0	536	0	0	0	536
CHAS. S. LEWIS & CO. INC.			SAINT LOUIS										
		CHROMIUM		0	0	0	0	0	0	102,537	0	0	102,537
		NICKEL		0	0	0	0	0	0	108,057	0	0	108,057
CHEMCENTRAL/ST. LOUIS			MARYLAND HEIGHTS										
		DICHLOROMETHANE		0	0	0	0	0	0	0	0	0	0
		TOLUENE		1,369	0	0	1,369	0	970	0	0	0	970
		XYLENE (MIXED ISOMERS)		336	0	0	336	0	500	0	0	0	500
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		DI(2-ETHYLHEXYL) PHTHALATE		23	0	0	23	0	380	0	0	0	380
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		METHYL ETHYL KETONE		1,119	0	0	1,119	0	820	0	0	0	820
		N,N-DIMETHYLFORMAMIDE		0	0	0	0	0	0	0	0	0	0
		METHANOL		528	0	0	528	0	1,910	0	0	0	1,910
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		86	0	0	86	0	750	0	0	0	750
		DIBUTYL PHTHALATE		0	0	0	0	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		0	0	0	0	0	0	0	0	0	0
CHRYSLER CORP.ST. LOUIS ASSEMB			FENTON										
		ZINC COMPOUNDS		0	0	0	0	180	0	0	0	19,803	19,803
		NITRIC ACID		160	0	0	160	0	0	0	0	0	0
		DIISOCYANATES		25	0	0	25	0	25	0	0	1	26
		LEAD COMPOUNDS		0	0	0	0	13	0	0	0	711	711
		CERTAIN GLYCOL ETHERS		322,000	0	0	322,000	1,900	5,503	14	8,100	9	13,626
		CERTAIN GLYCOL ETHERS		133,000	0	0	133,000	6,400	1,500	45	4,700	28	6,273
		N-METHYL-2-PYRROLIDONE		7,410	0	0	7,410	920	49	12	0	1	62
		MANGANESE COMPOUNDS		0	0	0	0	40	0	0	0	7,000	7,000
		TOLUENE		3,000	0	0	3,000	0	149	2	36	1	188
		NICKEL COMPOUNDS		0	0	0	0	1,000	0	0	0	3,700	3,700

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		NITRATE COMPOUNDS		8	0	0	8	16,000	0	0	0	0	0
		TOLUENE		19,400	0	0	19,400	3	672	0	1,020	6	1,698
		NICKEL COMPOUNDS		0	0	0	0	310	0	0	0	3,900	3,900
		METHYL TERT-BUTYL ETHER		423	0	0	423	0	53	0	0	0	53
		MANGANESE COMPOUNDS		0	0	0	0	140	0	0	0	5,000	5,000
		1,2,4-TRIMETHYLBENZENE		112,000	0	0	112,000	0	1,910	69	3,077	1	5,057
		XYLENE (MIXED ISOMERS)		52,600	0	0	52,600	5	43	200,000	74	0	200,117
		METHYL ISOBUTYL KETONE		26,000	0	0	26,000	100	7	87,006	0	0	87,013
		ZINC COMPOUNDS		1	0	0	1	690	8	0	0	15,027	15,035
		NITRATE COMPOUNDS		580	0	0	580	9,075	0	0	0	2	2
		N-METHYL-2-PYRROLIDONE		21,200	0	0	21,200	0	2,006	28	0	18	2,052
		COPPER		330	0	0	330	0	0	0	0	125	125
		ETHYLBENZENE		12,300	0	0	12,300	0	14	48,000	0	0	48,014
		METHYL ISOBUTYL KETONE		21,000	0	0	21,000	0	521	59,000	179	0	59,700
		ETHYLENE GLYCOL		46	0	0	46	320	0	0	0	0	0
		ETHYLBENZENE		10,700	0	0	10,700	0	230	33,000	57	0	33,287
		CUMENE		13,400	0	0	13,400	0	35	16	0	0	51
		1,2,4-TRIMETHYLBENZENE		14,400	0	0	14,400	0	14	0	740	0	754
		NITRIC ACID		29	0	0	29	0	0	0	0	0	0
		DIISOCYANATES		262	0	0	262	0	6	260	0	3,900	4,166
		LEAD COMPOUNDS		0	0	0	0	10	0	0	0	3,060	3,060
		METHYL ETHYL KETONE		11,900	0	0	11,900	5	661	0	610	0	1,271
		XYLENE (MIXED ISOMERS)		93,000	0	0	93,000	0	3,300	140,037	990	2	144,329
		METHYL TERT-BUTYL ETHER		89	0	0	89	0	0	0	0	0	0
		PHOSPHORIC ACID		330	0	0	330	0	0	0	0	0	0
		SODIUM NITRITE		0	0	0	0	0	0	0	0	0	0
		BENZENE		87	0	0	87	0	18	0	0	0	18
		METHANOL		1,900	0	0	1,900	0	33	0	36	0	69
		N-BUTYL ALCOHOL		78,700	0	0	78,700	0	2,208	95	0	19	2,322
		BENZENE		30	0	0	30	0	0	0	0	0	0
		METHYL ETHYL KETONE		2,799	0	0	2,799	0	204	0	0	0	204
		N-BUTYL ALCOHOL		43	0	0	43	0	0	0	0	0	0
		SODIUM NITRITE		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		770	0	0	770	0	0	0	0	0	0
		METHANOL		10,000	0	0	10,000	0	0	0	410	0	410
		ETHYLENE GLYCOL		73	0	0	73	490	0	0	0	0	0
		COPPER		1,312	0	0	1,312	61	0	0	0	2,204	2,204
	COCA-COLA BOTTLING CO. OF ST.		MARYLAND HEIGHTS										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		PHOSPHORIC ACID		0	0	0	0	1,624	0	0	0	0	0
	COOPER BUSSMANN INC.		ELLISVILLE										
		COPPER		0	0	0	0	68	0	1,469,514	0	23	1,469,537
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	CRANE - NATIONAL VENDORS		BRIDGETON										
		CHROMIUM		0	0	0	0	1	0	11,273	0	0	11,273
		NICKEL		0	0	0	0	7	0	7,957	0	0	7,957
		COPPER		0	0	0	0	5	0	3,338	0	0	3,338
	CS INTEGRATED L.L.C.		VINITA PARK										
		AMMONIA		5	0	0	5	0	0	0	0	0	0
	CUPPLES RUBBER CO.		SAINT LOUIS										
		ZINC COMPOUNDS		250	0	5	255	5	0	0	0	9,687	9,687
		THIRAM		0	0	0	0	0	0	0	0	435	435
	CUTLER-HAMMER		SAINT LOUIS										
		COPPER		0	0	0	0	0	0	0	0	0	0
	DANA CORP. PERFECT CIRCLE DIV.		MANCHESTER										
		TRICHLOROETHYLENE		14,825	0	0	14,825	1	0	107,645	0	0	107,645
	DECORATIVE SURFACES INTL.		SAINT LOUIS										
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	5,198	5,198
		CERTAIN GLYCOL ETHERS		288,840	0	0	288,840	0	696,259	0	0	0	696,259
		METHANOL		50,430	0	0	50,430	0	0	0	0	0	0
		TOLUENE		96,846	0	0	96,846	300	24,461	0	0	0	24,461
		DICHLOROMETHANE		140,597	0	0	140,597	0	0	0	0	0	0
		METHYL ETHYL KETONE		12,922	0	0	12,922	0	19,856	0	0	0	19,856
	DR PEPPER/7UP MFG.		SAINT LOUIS										
		PHOSPHORIC ACID		0	0	0	0	8,537	0	0	0	0	0
	DYNAMIC METAL FORMING INC.		SAINT LOUIS										
		MANGANESE		0	0	0	0	0	0	0	0	0	0
	FEDERAL MOGUL FRICTION PRODS.		BERKELEY										
		CERTAIN GLYCOL ETHERS		500	5,400	0	5,900	2,747	0	0	0	3,550	3,550
		ETHYLENE GLYCOL		10	250	0	260	250	0	0	0	500	500
	FINDLAY IND. INC.		CHESTERFIELD										
		DIISOCYANATES		8,440	0	0	8,440	0	0	0	0	0	0
	FOAM SUPPLIES INC.		EARTH CITY										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					TOTAL
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	
FORD MOTOR CO.	ST. LOUIS	DIISOCYANATES	HAZELWOOD	0	0	0	0	0	0	0	0	0	0
		CHLORODIFLUOROMETHANE	2,065	0	0	2,065	0	0	0	0	250	250	
		1,1-DICHLORO-1-FLUOROETHANE	0	0	0	0	0	0	0	0	0	0	
		N-METHYL-2-PYRROLIDONE	1,110	0	0	1,110	0	0	10,004	0	0	10,004	
		ETHYLBENZENE	161,000	0	0	161,000	0	0	140,064	0	330	140,394	
		MANGANESE COMPOUNDS	90	0	0	90	550	0	0	0	8,300	8,300	
		XYLENE (MIXED ISOMERS)	652,000	0	0	652,000	0	0	450,360	0	710	451,070	
		CERTAIN GLYCOL ETHERS	124,900	0	0	124,900	36,000	0	19,096	0	65	19,161	
		PHOSPHORIC ACID	11	0	0	11	0	0	0	0	1,100	1,100	
		METHYL ISOBUTYL KETONE	300,000	0	0	300,000	0	0	320,001	0	620	320,621	
		METHANOL	40,333	0	0	40,333	0	0	7,557	0	1	7,558	
		SODIUM NITRITE	5	0	0	5	74	0	0	0	0	0	
		CYCLOHEXANE	0	0	0	0	0	0	0	0	0	0	
		METHYL ETHYL KETONE	23,600	0	0	23,600	0	0	7,918	0	17	7,935	
		METHYL TERT-BUTYL ETHER	1,220	0	0	1,220	0	0	0	0	0	0	
		N-BUTYL ALCOHOL	132,500	0	0	132,500	0	0	44,130	0	70	44,200	
		BENZENE	0	0	0	0	0	0	0	0	0	0	
		1,2,4-TRIMETHYLBENZENE	45,840	0	0	45,840	0	0	16,066	0	0	16,066	
		TOLUENE	34,000	0	0	34,000	0	0	37,007	0	56	37,063	
		N-HEXANE	0	0	0	0	0	0	0	0	0	0	
ETHYLENE GLYCOL	60	0	0	60	230	0	0	0	0	0			
ZINC COMPOUNDS	1,523	0	0	1,523	650	0	2	7	9,700	9,709			
NITRIC ACID	210	0	0	210	0	0	0	0	0	0			
FUTURA COATINGS INC.	HAZELWOOD	TOLUENE DIISOCYANATE (MIXED	0	0	0	0	0	0	0	0	0		
		METHYL ETHYL KETONE	250	0	0	250	0	5,097	0	0	0	5,097	
		TOLUENE	750	0	0	750	0	40,775	0	0	0	40,775	
		XYLENE (MIXED ISOMERS)	750	0	0	750	0	38,510	0	0	0	38,510	
		DIISOCYANATES	750	0	0	750	0	0	0	0	0	0	
GIVAUDAN-ROURE	BRIDGETON	PHOSPHORIC ACID	0	0	0	0	0	0	0	0	0		
HARCROS CHEMICALS IN	SAINT LOUIS	NITRIC ACID	0	0	0	0	0	0	0	0	0		
		CERTAIN GLYCOL ETHERS	0	0	0	0	0	0	0	0	0		
HAZELWOOD FARMS BAKERIES INC.	HAZELWOOD	PHOSPHORIC ACID	0	0	0	0	0	0	0	0	0		

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		ETHYLENE GLYCOL		42,000	0	0	42,000	750	0	0	0	0	0
		CHLORODIFLUOROMETHANE		14,000	0	0	14,000	0	0	0	0	0	0
	<i>HCI CHEMTECH INDS. INC.</i>		SAINT LOUIS										
		NAPHTHALENE		28	0	0	28	0	983	0	0	0	983
		METHANOL		9,378	0	0	9,378	0	5,836	0	0	0	5,836
		DIETHANOLAMINE		0	0	0	0	0	0	0	0	0	0
		METHYL ETHYL KETONE		897	0	0	897	0	2,701	0	0	0	2,701
		TERT-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		TRICHLOROETHYLENE		0	0	0	0	0	0	0	0	0	0
		DI(2-ETHYLHEXYL) PHTHALATE		0	0	0	0	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		HYDRAZINE		25	0	0	25	0	1,655	0	0	0	1,655
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		94	0	0	94	0	3,276	0	0	0	3,276
		DICHLOROMETHANE		1,525	0	0	1,525	0	533	0	0	0	533
		XYLENE (MIXED ISOMERS)		120	0	0	120	0	1,265	0	0	0	1,265
		N-HEXANE		1,154	0	0	1,154	0	1,695	0	0	0	1,695
		N-BUTYL ALCOHOL		54	0	0	54	0	15,328	0	0	0	15,328
		TOLUENE		486	0	0	486	0	3,908	0	0	0	3,908
		CERTAIN GLYCOL ETHERS		34	0	0	34	0	819	0	0	0	819
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
	<i>HOHN MFG. INC.</i>		FENTON										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	<i>HUSSMANN CORP.</i>		BRIDGETON										
		DIISOCYANATES		4	0	0	4	0	0	0	0	0	0
		ETHYLBENZENE		250	0	0	250	0	0	17,200	0	0	17,200
		TOLUENE		500	0	0	500	0	0	5,200	0	0	5,200
		XYLENE (MIXED ISOMERS)		1,750	0	0	1,750	0	0	80,200	0	0	80,200
		1,2,4-TRIMETHYLBENZENE		10,730	0	0	10,730	0	0	11,700	0	0	11,700
		CHLORODIFLUOROMETHANE		9,740	0	0	9,740	0	0	0	0	0	0
	<i>J. D. STREET & CO.</i>		LEMAY										
		PHOSPHORIC ACID		0	0	0	0	250	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	2,027	0	0	0	0	0
		METHANOL		13,486	0	0	13,486	5	0	0	0	0	0
	<i>JOST CHEMICAL CO. INC.</i>		SAINT LOUIS										
		NITRATE COMPOUNDS		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	LHB INDS.		BERKELEY										
		XYLENE (MIXED ISOMERS)		877	0	0	877	0	5,841	0	0	0	5,841
		DICHLOROMETHANE		920	0	0	920	0	7,420	0	0	0	7,420
		N-BUTYL ALCOHOL		163	0	0	163	0	712	0	0	0	712
		2-METHOXYETHANOL		176	0	0	176	0	603	0	0	0	603
		N-HEXANE		195	0	0	195	0	0	0	0	0	0
		METHANOL		1,266	0	0	1,266	0	0	0	0	0	0
		TOLUENE		3,551	0	0	3,551	0	55,424	0	0	0	55,424
		METHYL ETHYL KETONE		1,433	0	0	1,433	0	6,869	0	0	0	6,869
	MAC MOLDING CO. INC.		SAINT LOUIS										
		STYRENE		676	0	0	676	0	0	0	0	0	0
		PHENOL		0	0	0	0	0	0	0	0	0	0
	MCDONNELL DOUGLAS CORP.		SAINT LOUIS										
		HYDROCHLORIC ACID (1995 AND AFTER		27,029	0	0	27,029	0	0	0	0	0	0
		SEC-BUTYL ALCOHOL		14,400	0	0	14,400	0	0	0	0	0	0
		1,1-DICHLORO-1-FLUOROETHANE		38,000	0	0	38,000	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		10,900	0	0	10,900	0	7,300	0	0	0	7,300
		TOLUENE		24,400	0	0	24,400	0	13,000	0	0	0	13,000
		METHYL ETHYL KETONE		7,220	0	0	7,220	0	22,000	0	0	0	22,000
		XYLENE (MIXED ISOMERS)		2,900	0	0	2,900	0	7,700	0	0	0	7,700
		TRICHLOROETHYLENE		31,320	0	0	31,320	0	15,000	0	0	0	15,000
		NITRIC ACID		8,500	0	0	8,500	0	0	6,800	170,000	0	176,800
		HYDROGEN FLUORIDE		9,500	0	0	9,500	0	0	1,300	13,000	0	14,300
		LEAD COMPOUNDS		37	0	0	37	33	0	39,000	0	0	39,000
		COPPER		0	0	0	0	0	0	90,010	0	180	90,190
		TETRACHLOROETHYLENE		6,294	0	0	6,294	0	0	8,400	0	0	8,400
	MERAMEC PLANT		SAINT LOUIS										
		COPPER COMPOUNDS		220	13,000	290	13,510	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		130,000	0	0	130,000	0	0	0	0	0	0
		BARIUM COMPOUNDS		4,500	270,000	9,500	284,000	0	0	0	0	0	0
		MANGANESE COMPOUNDS		436	18,000	490	18,926	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		3,300,000	0	0	3,300,000	0	0	0	0	0	0
		ZINC COMPOUNDS		910	17,000	940	18,850	0	0	0	0	0	0
		HYDROGEN FLUORIDE		99,000	0	0	99,000	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		CHROMIUM COMPOUNDS		420	28,000	270	28,690	0	0	0	0	0	0
	MID STATES DAIRY		HAZELWOOD										
		AMMONIA		14,838	0	0	14,838	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	18,266	0	0	0	0	0
		NITRIC ACID		0	0	0	0	14,073	0	0	0	0	0
	MID-STATES PAINT & CHEM. CO.		SAINT LOUIS										
		XYLENE (MIXED ISOMERS)		1,100	0	0	1,100	0	250	0	0	0	250
		TOLUENE		785	0	0	785	0	0	0	0	0	0
	MIDCO PRODS. CO. INC.		CHESTERFIELD										
		DICHLOROMETHANE		876	0	0	876	0	0	0	0	0	0
		TRICHLOROETHYLENE		375	0	0	375	0	0	0	0	0	0
		TETRACHLOROETHYLENE		1,477	0	0	1,477	0	0	0	0	0	0
		METHYL ETHYL KETONE		1,661	0	0	1,661	0	0	0	0	0	0
		TOLUENE		261	0	0	261	0	0	0	0	0	0
	MISSOURI ELECTROCHEM INC.		GREEN PARK										
		CHROMIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	MOZEL INC.		BELLA VILLA										
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		0	0	0	0	0	0	0	0	0	0
	MULTIPLEX CO. INC.		BALLWIN										
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
		NICKEL COMPOUNDS		0	0	0	0	29	0	42	0	0	42
		CHROMIUM COMPOUNDS		0	0	0	0	14	0	35,330	0	0	35,330
		COPPER COMPOUNDS		0	0	0	0	36	0	2,255	0	0	2,255
		ZINC COMPOUNDS		0	0	0	0	18	0	27,377	0	0	27,377
		MANGANESE COMPOUNDS		0	0	0	0	0	0	1,431	0	0	1,431
	NESCO CONTAINER CORP.		FENTON										
		METHYL ETHYL KETONE		5,600	0	0	5,600	0	9,100	0	0	0	9,100
		PHOSPHORIC ACID		400	0	0	400	0	40	0	0	0	40
	NORTH AMERICAN GALVANIZING CO.		SAINT LOUIS										
		ZINC COMPOUNDS		535	0	0	535	0	0	0	0	9,973	9,973
		LEAD		10	0	0	10	0	0	0	0	0	0
	O'HARE FNDY. CORP.		MAPLEWOOD										
		COPPER		500	0	0	500	0	0	4,569	0	5	4,574

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	PENNZOIL-QUAKER STATE CO.		MARYLAND HEIGHTS										
		ZINC COMPOUNDS		0	0	5	5	0	0	1,500	0	0	1,500
	PERMEA A DIV. OF AIR PRODS.		MARYLAND HEIGHTS										
		N-METHYL-2-PYRROLIDONE		250	0	0	250	74,643	1,677	0	0	0	1,677
	PM RESOURCES INC.		BRIDGETON										
		ETHYLBENZENE		122	0	0	122	0	0	0	5,010	0	5,010
		COPPER COMPOUNDS		72	0	0	72	110	0	0	0	1,700	1,700
		PHTHALIC ANHYDRIDE		450	0	0	450	0	0	0	2,500	0	2,500
		ZINC COMPOUNDS		1,400	0	0	1,400	280	0	0	0	5,300	5,300
		TETRACYCLINE HYDROCHLORIDE		270	0	0	270	900	0	0	0	1,800	1,800
		XYLENE (MIXED ISOMERS)		3,000	0	0	3,000	0	0	0	105,900	0	105,900
		FAMPHUR		0	0	0	0	0	0	0	46,170	0	46,170
	PROGRESSIVE INK		SAINT LOUIS										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		500	0	0	500	0	0	0	1,600	0	1,600
		BARIUM COMPOUNDS		0	250	0	250	0	0	0	1,000	0	1,000
	REICHHOLD CHEMICALS INC. VALLE		VALLEY PARK										
		PHTHALIC ANHYDRIDE		355	0	0	355	0	0	0	0	123	123
		TOLUENE DIISOCYANATE (MIXED		1	0	0	1	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		297	0	0	297	0	1,526	0	0	5	1,531
		N-METHYL-2-PYRROLIDONE		1,099	0	0	1,099	0	0	0	0	5	5
		N-BUTYL ALCOHOL		367	0	0	367	5	1,016	0	0	0	1,016
		TOLUENE		1,672	0	0	1,672	5	11,488	0	0	250	11,738
		XYLENE (MIXED ISOMERS)		2,813	0	0	2,813	5	449	0	0	250	699
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		MALEIC ANHYDRIDE		0	0	0	0	0	0	0	0	0	0
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		3,196	0	0	3,196	0	0	0	0	250	250
		SEC-BUTYL ALCOHOL		928	0	0	928	0	73	0	0	2,530	2,603
		TRIETHYLAMINE		0	0	0	0	0	0	0	0	0	0
	RELIABLE BIOPHARMACEUTICAL COR		OVERLAND										
		N-HEXANE		1,439	0	0	1,439	5	9,354	0	0	0	9,354
		METHANOL		4,793	0	0	4,793	105,728	2,018	0	0	0	2,018
	ROTO-DIE CO. INC.		EUREKA										
		MANGANESE		0	0	0	0	0	0	36,435	0	0	36,435

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		LEAD		0	0	0	0	0	0	19,525	0	0	19,525
		NICKEL		0	0	0	0	0	0	66,696	0	0	66,696
		CHROMIUM		0	0	0	0	0	0	57,642	0	0	57,642
		COPPER COMPOUNDS		0	0	0	0	0	0	32,879	0	0	32,879
	SEVEN-UP BOTTLING CO. OF ST. L		HAZELWOOD										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		0	0	0	0	0	0	0	0	0	0
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		AMMONIA		0	0	0	0	0	0	0	0	0	0
	SINCLAIR & RUSH		SAINT LOUIS										
		DI(2-ETHYLHEXYL) PHTHALATE		257	13,526	0	13,783	0	0	0	0	13,526	13,526
	SINNETT-ELPACO COATINGS CORP.		PAGEDALE										
		CERTAIN GLYCOL ETHERS		1,240	0	0	1,240	0	0	0	0	0	0
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		1,090	0	0	1,090	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		870	0	0	870	0	0	0	0	0	0
		TOLUENE		2,570	0	0	2,570	0	53,370	0	0	0	53,370
		XYLENE (MIXED ISOMERS)		3,200	0	0	3,200	0	53,370	0	0	0	53,370
		METHYL ETHYL KETONE		1,060	0	0	1,060	0	0	0	0	0	0
	STUPP BROS. BRIDGE & IRON CO.		SAINT LOUIS										
		MANGANESE		250	0	0	250	0	0	0	0	3,287	3,287
		ZINC (FUME OR DUST)		250	0	0	250	0	0	0	0	0	0
	SUNNEN PRODS. CO.		MAPLEWOOD										
		TETRACHLOROETHYLENE		15,600	0	0	15,600	0	0	18,160	0	0	18,160
	SUPERIOR SOLVENTS & CHEMICALS		SAINT LOUIS										
		METHYL ETHYL KETONE		1,962	0	0	1,962	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
		N-HEXANE		3,680	0	0	3,680	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		500	0	0	500	0	0	0	0	0	0
		TETRACHLOROETHYLENE		500	0	0	500	0	0	0	0	0	0
		METHANOL		1,000	0	0	1,000	0	0	0	0	0	0
		DICHLOROMETHANE		5,029	0	0	5,029	0	0	0	0	0	0
		N-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		TRICHLOROETHYLENE		0	0	0	0	0	0	0	0	0	0
		NAPHTHALENE		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		ETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		TOLUENE		1,533	0	0	1,533	0	0	0	0	0	0
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
	THERMAL SCIENCE INC.		FENTON										
		TOLUENE		23,860	0	0	23,860	5	0	0	0	0	0
	TIFFANY MARBLE MFG. INC.		FENTON										
		STYRENE		3,800	0	0	3,800	0	0	0	0	0	0
	TRANSFORMER MATERIALS CO.		MARYLAND HEIGHTS										
		TOLUENE		31,720	0	0	31,720	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		15,410	0	0	15,410	0	0	0	0	0	0
		METHANOL		23,300	0	0	23,300	0	0	0	0	0	0
		METHYL ETHYL KETONE		99,070	0	0	99,070	0	0	0	0	0	0
	TRUE MFG. CO. INC.		OLIVETTE										
		1,1-DICHLORO-1-FLUOROETHANE		11,000	0	0	11,000	0	0	0	0	0	0
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
		CHLORODIFLUOROMETHANE		5,000	0	0	5,000	0	0	0	0	0	0
	UNILEVER-HPC ST. LOUIS PLANT		PAGEDALE										
		METHANOL		0	0	0	0	0	0	0	0	0	0
	UNIVERSAL FLAVOR CORP.		FENTON										
		PHOSPHORIC ACID		0	0	0	0	5	0	250	0	0	250
	WATLOW-ST. LOUIS		MARYLAND HEIGHTS										
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
		NICKEL		0	0	0	0	0	0	0	0	0	0
	WESTERN LITHOTECH		SAINT LOUIS										
		NITRIC ACID		255	0	0	255	5	0	0	0	0	0
		PHOSPHORIC ACID		755	0	0	755	5	0	0	0	0	0
	WHITE-RODGERS CO.		SAINT LOUIS										
		COPPER		0	0	6	6	5	0	0	0	235,089	235,089
		TRICHLOROETHYLENE		31,163	0	0	31,163	0	0	0	5,814	0	5,814
ST LOUIS CITY													
	ABB POWER T&D CO. INC.		SAINT LOUIS										
		COPPER		0	0	0	0	0	0	553,000	0	0	553,000
	ABC DIARY INC. PEVELY DAIRY CO		SAINT LOUIS										
		NITRIC ACID		0	0	0	0	16,329	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		AMMONIA		37,857	0	0	37,857	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	10,185	0	0	0	0	0
	<i>ADM, MILLING CO.</i>		SAINT LOUIS										
		CHLORINE		0	0	0	0	0	0	0	0	0	0
	<i>ALLIED HEALTHCARE PRODS. INC.</i>		SAINT LOUIS										
		COPPER		0	0	0	0	0	0	61,600	0	0	61,600
		TRICHLOROETHYLENE		5,700	0	0	5,700	0	0	0	250	0	250
	<i>ALUMAX FOILS INC.</i>		SAINT LOUIS										
		CHLORINE		2,008	0	0	2,008	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		9,198	0	0	9,198	0	0	0	0	0	0
		TOLUENE		2,189	0	0	2,189	0	0	5,481	0	0	5,481
		LEAD		255	0	0	255	0	0	112,585	0	0	112,585
		METHANOL		9,691	0	0	9,691	0	0	0	0	0	0
		METHYL ETHYL KETONE		8,885	0	0	8,885	0	0	22,080	0	0	22,080
	<i>ANHEUSER-BUSCH INC.</i>		SAINT LOUIS										
		AMMONIA		2,484	0	0	2,484	10,695	0	0	0	35	35
		HYDROGEN FLUORIDE		20,587	0	0	20,587	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		164,699	0	0	164,699	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		326,291	0	0	326,291	0	0	0	0	0	0
		CHLORINE		0	0	0	0	0	0	0	0	0	0
	<i>BAKER PETROLITE CORP.</i>		SAINT LOUIS										
		NAPHTHALENE		10	0	5	15	5	1,453	0	0	0	1,453
	<i>BARRY-WEHMILLER CO.</i>		SAINT LOUIS										
		NICKEL		0	0	0	0	0	0	0	0	0	0
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
	<i>BENJAMIN MOORE & CO., ST. LOUI</i>		SAINT LOUIS										
		N-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
	<i>BODINE ALUMINUM INC.</i>		SAINT LOUIS										
		COPPER		0	0	0	0	0	0	3,550	0	250	3,800
	<i>BORDEN PASTA MARCEAU FACILITY</i>		SAINT LOUIS										
		BROMOMETHANE		26,400	0	0	26,400	0	0	0	0	0	0
	<i>CHEMSICO</i>		SAINT LOUIS										
		PERMETHRIN		0	0	0	0	0	0	0	0	0	0
		RESMETHRIN		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		TETRAMETHRIN		0	0	0	0	0	0	0	0	0	0
		PROPICONAZOLE		0	0	0	0	0	0	0	0	0	0
		PIPERONYL BUTOXIDE		0	0	0	0	0	0	0	0	0	0
		SODIUM NITRITE		0	0	0	0	0	0	0	0	0	0
		PHENOTHRIN		0	0	0	0	0	0	0	0	0	0
		D-TRANS-ALLETHRIN		0	0	0	0	0	0	0	0	0	0
		MYCLOBUTANIL		0	0	0	0	0	0	0	0	0	0
		METHYL ETHYL KETONE		0	0	0	0	0	0	0	0	0	0
		MALATHION		0	0	0	0	0	0	0	0	0	0
		FLUAZIFOP BUTYL		0	0	0	0	0	0	0	0	0	0
		CHLORPYRIFOS METHYL		0	0	0	0	0	0	0	0	0	0
		DIAZINON		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		TETRACHLOROETHYLENE		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		0	0	0	0	0	0	0	0	0	0
		AMMONIA		0	0	0	0	0	0	0	0	0	0
	CLARK REFINING & MARKETING INC		SAINT LOUIS										
		BENZENE		1,550	0	0	1,550	0	5	750	5	0	760
		TOLUENE		3,750	0	0	3,750	0	250	7,400	250	0	7,900
		METHYL TERT-BUTYL ETHER		1,600	0	0	1,600	0	0	0	0	0	0
		N-HEXANE		6,450	0	0	6,450	0	250	2,300	5	0	2,555
		CYCLOHEXANE		1,000	0	0	1,000	0	5	750	5	0	760
		1,2,4-TRIMETHYLBENZENE		500	0	0	500	0	250	3,500	250	0	4,000
		XYLENE (MIXED ISOMERS)		1,000	0	0	1,000	0	250	7,400	250	0	7,900
		ETHYLBENZENE		500	0	0	500	0	250	2,300	5	0	2,555
	CLEAN CITY SQUARES INC.		SAINT LOUIS										
		TOLUENE		13,432	0	0	13,432	0	4,290	0	0	0	4,290
	COMMERCIAL PLATING CO.		SAINT LOUIS										
		CYANIDE COMPOUNDS		0	0	0	0	250	0	0	0	0	0
	CONNECTOR CASTINGS INC.		SAINT LOUIS										
		COPPER COMPOUNDS		29,360	0	0	29,360	250	0	211,282	0	1,895	213,177
	CONTINENTAL FABRICATORS INC.		SAINT LOUIS										
		CHROMIUM		5	0	0	5	0	0	900	0	0	900
		MANGANESE		51	0	0	51	0	0	1,710	0	0	1,710
		NICKEL		2	0	0	2	0	0	439	0	0	439

On-site Releases (Pounds)							Off-site Transfers (Pounds)						
COUNTY	FACILITY	CHEM_NAME	CITY	AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
DAZOR MFG. CORP.			SAINT LOUIS										
		TETRACHLOROETHYLENE		10,953	0	0	10,953	0	0	0	1,741	0	1,741
DENNIS CHEMICAL CO. INC.			SAINT LOUIS										
		BARIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		LEAD COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		DIISOCYANATES		5	0	0	5	0	0	0	1,060	0	1,060
DIAL CORP.			SAINT LOUIS										
		FORMALDEHYDE		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
DYNACRAFT INC.			SAINT LOUIS										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
EG & G MISSOURI METALS			SAINT LOUIS										
		CHROMIUM		0	0	0	0	9	0	4,830	0	0	4,830
		NICKEL		0	0	0	0	17	0	13,552	0	0	13,552
EQUILON ST. LOUIS TERMINAL			SAINT LOUIS										
		ETHYLBENZENE		500	0	0	500	0	0	0	250	250	500
		BENZENE		500	0	0	500	0	0	0	250	250	500
		1,2,4-TRIMETHYLBENZENE		255	0	0	255	0	0	0	250	250	500
		XYLENE (MIXED ISOMERS)		500	0	0	500	0	0	0	250	250	500
		TOLUENE		500	0	0	500	0	0	0	250	250	500
		N-HEXANE		500	0	0	500	0	0	0	250	250	500
		METHYL TERT-BUTYL ETHER		1,000	0	0	1,000	5	0	0	1,581	0	1,581
FEDERAL-MOGUL CORP. CENTURY OP			SAINT LOUIS										
		N-METHYL-2-PYRROLIDONE		14,546	0	0	14,546	0	0	0	0	0	0
		MANGANESE		2,688	71,347	0	74,035	0	0	0	0	71,347	71,347
		DIISOCYANATES		20,947	34,177	0	55,124	0	0	0	0	34,177	34,177
FIN-CLAIR CORP.			SAINT LOUIS										
		NICKEL		32	0	0	32	1,175	0	5,931	0	0	5,931
G.S. ROBINS & CO.			SAINT LOUIS										
		SULFURIC ACID (1994 AND AFTER "ACID		108	0	0	108	0	0	0	0	0	0
		NITRIC ACID		7	0	0	7	0	0	0	0	0	0
		PHOSPHORIC ACID		37	0	0	37	0	0	0	0	0	0
		FORMIC ACID		11	0	0	11	0	0	0	0	0	0
		HYDROCHLORIC ACID (1995 AND AFTER		158	0	0	158	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	AMMONIA			2,556	0	0	2,556	0	0	0	0	0	0
	<i>GE CO. ST. LOUIS LAMP PLANT</i>		SAINT LOUIS										
	COPPER			0	0	0	0	0	0	520	0	8,200	8,720
	LEAD COMPOUNDS			5	0	0	5	0	0	0	0	46,300	46,300
	<i>HENKEL SURFACE TECHS.</i>		SAINT LOUIS										
	PHOSPHORIC ACID			10	0	0	10	0	0	0	1,038	0	1,038
	ZINC COMPOUNDS			31	0	0	31	2	0	0	0	7,904	7,904
	CERTAIN GLYCOL ETHERS			5	0	0	5	11	0	0	0	0	0
	NITRIC ACID			16	0	0	16	0	0	0	66	0	66
	MANGANESE COMPOUNDS			10	0	0	10	3	0	0	0	578	578
	NICKEL COMPOUNDS			0	0	0	0	3	0	0	0	3,719	3,719
	<i>HERMANN OAK LEATHER CO.</i>		SAINT LOUIS										
	MANGANESE COMPOUNDS			0	0	0	0	17,200	0	0	0	0	0
	<i>HUNTSMAN PETROCHEMICAL CORP.</i>		SAINT LOUIS										
	MALEIC ANHYDRIDE			37,610	0	0	37,610	0	0	0	3,920	0	3,920
	<i>INTERCON CHEMICAL CO.</i>		SAINT LOUIS										
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0
	CERTAIN GLYCOL ETHERS			0	0	0	0	0	0	0	0	0	0
	<i>J.D. STREETT & CO.</i>		SAINT LOUIS										
	COPPER COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	ZINC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	<i>JAMES VARLEY & SONS, PECK'S PR</i>		SAINT LOUIS										
	PHOSPHORIC ACID			0	0	0	0	0	0	0	0	0	0
	ETHYLENE GLYCOL			0	0	0	0	0	0	0	0	0	0
	CERTAIN GLYCOL ETHERS			0	0	0	0	0	0	0	0	0	0
	<i>JOST CHEMICAL CO. INC.</i>		SAINT LOUIS										
	ZINC COMPOUNDS			0	0	0	0	0	0	0	0	0	0
	<i>KOP-COAT INC.</i>		SAINT LOUIS										
	3-iodo-2-propynyl butylcarbamate			2,600	0	0	2,600	0	0	0	0	0	0
	ETHYLENE GLYCOL			690	0	0	690	0	0	0	0	0	0
	COPPER			270	0	0	270	0	0	0	0	0	0
	<i>KV PHARMACEUTICAL CO.</i>		SAINT LOUIS										
	DICHLOROMETHANE			47,360	0	0	47,360	0	0	0	2,680	0	2,680
	<i>LANGE-STEGMANN CO.</i>		SAINT LOUIS										
	ZINC COMPOUNDS			255	0	0	255	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	LAPORTE PIGMENTS INC.,ST. LOUI		SAINT LOUIS										
		SULFURIC ACID (1994 AND AFTER "ACID		50	0	0	50	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	1,400	0	0	0	59,000	59,000
		AMMONIA		10,470	0	0	10,470	1,700,000	0	0	0	0	0
	LINCOLN INDL. CORP.		SAINT LOUIS										
		AMMONIA		300	0	0	300	0	0	0	0	0	0
	LINDBERG HEAT TREATING CO.		SAINT LOUIS										
		AMMONIA		3,099	0	0	3,099	0	0	0	0	0	0
	MADISON FARMS BUTTER CO.		SAINT LOUIS										
		AMMONIA		1,900	0	0	1,900	4,507	0	0	0	140	140
	MALLINCKRODT INC.		SAINT LOUIS										
		N,N-DIMETHYLFORMAMIDE		153	0	0	153	4,200	0	0	29,500	0	29,500
		CHLORINE		14,200	0	0	14,200	0	0	0	0	0	0
		ZINC COMPOUNDS		660	0	0	660	20	0	0	0	20,000	20,000
		NITRATE COMPOUNDS		0	0	0	0	27,500	0	0	0	0	0
		ETHYL CHLOROFORMATE		5	0	0	5	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		4,320	0	0	4,320	200	0	140,000	47,000	0	187,000
		HYDROCHLORIC ACID (1995 AND AFTER		23,500	0	0	23,500	0	0	0	0	0	0
		METHANOL		27,300	0	0	27,300	750,000	79,000	35,000	35,000	0	149,000
		BARIUM COMPOUNDS		50	0	0	50	0	0	0	0	16,490	16,490
		XYLENE (MIXED ISOMERS)		1,201	0	0	1,201	460	1,200	0	27,700	0	28,900
		N,N-DIMETHYLANILINE		7	0	0	7	0	0	21,000	29,000	0	50,000
		MANGANESE COMPOUNDS		18	0	0	18	230	0	0	0	37	37
		PHENOL		3,501	0	0	3,501	50	0	0	0	27	27
		ACETONITRILE		240	0	0	240	5,200	0	4,500	44,000	0	48,500
		PHOSPHORIC ACID		195	0	0	195	0	0	0	0	0	0
		NITRIC ACID		4,400	0	0	4,400	0	0	0	0	0	0
		FORMIC ACID		45	0	0	45	0	0	0	0	0	0
		AMMONIA		1,113	0	0	1,113	10,000	0	0	1,600	0	1,600
		1,1,2-TRICHLOROETHANE		41,800	0	0	41,800	2,500	0	930,000	1,636,500	0	2,566,500
		CHLOROFORM		91,500	0	0	91,500	1,700	17,000	0	164,000	0	181,000
		DICHLOROMETHANE		2,300	0	0	2,300	200	0	65,000	57,000	0	122,000
		TOLUENE		55,600	0	0	55,600	4,900	0	732,000	256,000	0	988,000
	MARQUETTE TOOL & DIE CO.		SAINT LOUIS										
		TRICHLOROETHYLENE		89,100	0	0	89,100	0	0	0	0	0	0
	MID-WEST INDL. CHEMICAL CO.		SAINT LOUIS										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		TOLUENE		7,200	0	0	7,200	0	0	0	0	0	0
		METHYL ETHYL KETONE		2,000	0	0	2,000	0	0	0	0	0	0
		N-HEXANE		5,000	0	0	5,000	0	0	0	0	0	0
		DICHLOROMETHANE		1,500	0	0	1,500	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		1,000	0	0	1,000	0	0	0	0	0	0
	<i>MIDCO INDS. INC.</i>		SAINT LOUIS										
		ZINC COMPOUNDS		255	0	0	255	0	0	0	0	0	0
		COPPER COMPOUNDS		500	0	0	500	0	0	0	0	0	0
		ANTIMONY COMPOUNDS		10	0	0	10	0	0	0	0	0	0
		LEAD COMPOUNDS		1,000	0	0	1,000	0	0	0	0	0	0
	<i>MIDLAND RESOURCES INC.</i>		SAINT LOUIS										
		CHLORINE		61	0	0	61	0	0	0	0	0	0
	<i>MIRAX CHEMICAL PRODS. CORP.</i>		SAINT LOUIS										
		XYLENE (MIXED ISOMERS)		7,510	0	0	7,510	0	250	0	0	0	250
	<i>MONSANTO J. F. QUEENY PILOT PL</i>		SAINT LOUIS										
		ETHYLENE GLYCOL		0	0	0	0	6,200	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		1,588	0	0	1,588	250	0	0	29,761	0	29,761
	<i>MOZEL INC.</i>		SAINT LOUIS										
		DIISOCYANATES		1,353	0	0	1,353	0	2,207	0	0	0	2,207
		1,2,4-TRIMETHYLBENZENE		778	0	0	778	0	847	0	0	0	847
		METHYL ISOBUTYL KETONE		580	0	0	580	0	636	0	0	0	636
		XYLENE (MIXED ISOMERS)		4,415	0	0	4,415	0	96,896	0	0	0	96,896
		METHYL ETHYL KETONE		1,215	0	0	1,215	0	1,324	0	0	0	1,324
		TOLUENE		2,741	0	0	2,741	0	2,966	0	0	0	2,966
	<i>NOOTER FABRICATORS INC.</i>		SAINT LOUIS										
		CHROMIUM		250	0	0	250	0	0	130,000	0	0	130,000
		MANGANESE		250	0	0	250	0	0	49,000	0	0	49,000
		NICKEL		250	0	0	250	0	0	94,000	0	0	94,000
	<i>NORDYNE INC.</i>		SAINT LOUIS										
		COPPER		0	0	0	0	0	0	73,360	0	0	73,360
		CHLORODIFLUOROMETHANE		0	0	0	0	0	0	37	0	0	37
	<i>OGDEN AVIATION FUELING CO. OF</i>		SAINT LOUIS										
		N-HEXANE		598	0	0	598	0	0	0	0	0	0
		ETHYLBENZENE		136	0	0	136	0	0	0	0	0	0
		CYCLOHEXANE		443	0	0	443	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		216	0	0	216	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		TOLUENE		958	0	0	958	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		1,032	0	0	1,032	0	3,016	0	0	0	3,016
		NAPHTHALENE		65	0	0	65	0	3,016	0	0	0	3,016
		METHYL TERT-BUTYL ETHER		2,210	0	0	2,210	0	0	0	0	0	0
		BENZENE		361	0	0	361	0	0	0	0	0	0
	<i>P.D. GEORGE CO.</i>		SAINT LOUIS										
		CRESOL (MIXED ISOMERS)		500	0	0	500	0	50,000	0	60,550	0	110,550
		NAPHTHALENE		500	0	0	500	5	5	0	1,000	0	1,005
		1,2,4-TRIMETHYLBENZENE		4,050	0	0	4,050	0	250	0	10,050	0	10,300
		CUMENE		1,000	0	0	1,000	0	750	0	505	0	1,255
		ETHYLBENZENE		3,650	0	0	3,650	250	22,000	0	68,750	0	90,750
		STYRENE		7,550	0	0	7,550	0	22,000	0	25,800	0	47,800
		2,4-DIMETHYLPHENOL		1,000	0	0	1,000	250	9,700	0	19,500	0	29,200
		TOLUENE		2,050	0	0	2,050	5	14,000	0	1,000	0	15,000
		PHENOL		6,900	0	0	6,900	5	11,000	0	81,500	0	92,500
		METHYL ETHYL KETONE		3,950	0	0	3,950	0	18,000	0	2,350	0	20,350
		N-METHYL-2-PYRROLIDONE		3,950	0	0	3,950	250	23,000	0	22,550	0	45,550
		ETHYLENE GLYCOL		1,205	0	0	1,205	0	6,400	0	12,750	0	19,150
		XYLENE (MIXED ISOMERS)		15,500	0	0	15,500	250	85,000	0	277,250	0	362,250
		CERTAIN GLYCOL ETHERS		500	0	0	500	0	3,700	0	3,250	0	6,950
		DIISOCYANATES		5	0	0	5	0	0	0	505	0	505
		N,N-DIMETHYLFORMAMIDE		0	0	0	0	0	0	0	0	0	0
		4,4'-ISOPROPYLIDENEDIPHENOL		0	0	0	0	0	0	0	0	0	0
		TOLUENE DIISOCYANATE (MIXED		0	0	0	0	0	0	0	0	0	0
		BIPHENYL		0	0	0	0	0	0	0	0	0	0
		4,4'-METHYLENEDIANILINE		0	0	0	0	0	0	0	0	0	0
		TRIETHYLAMINE		2,450	0	0	2,450	0	0	0	750	0	750
		MALEIC ANHYDRIDE		250	0	0	250	0	0	0	0	250	250
		DICYCLOPENTADIENE		1,600	0	0	1,600	0	0	0	1,600	0	1,600
		N-BUTYL ALCOHOL		1,000	0	0	1,000	0	0	0	5,200	0	5,200
		METHANOL		2,050	0	0	2,050	0	1,200	0	59,750	0	60,950
	<i>PAULO PRODS. CO.</i>		SAINT LOUIS										
		AMMONIA		721	0	0	721	0	0	0	0	0	0
	<i>PEPSI-COLA BOTTLING CO. OF ST.</i>		SAINT LOUIS										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	<i>PRAXAIR DISTRIBUTION INC.</i>		SAINT LOUIS										
		PROPYLENE		4,555	0	0	4,555	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	PRECOAT METALS		SAINT LOUIS										
		XYLENE (MIXED ISOMERS)		8,231	0	0	8,231	0	30,134	0	659	0	30,793
		METHYL ETHYL KETONE		11,185	0	0	11,185	0	108,607	0	837	0	109,444
		N-BUTYL ALCOHOL		1,793	0	0	1,793	0	1,443	0	156	0	1,599
		1,2,4-TRIMETHYLBENZENE		1,821	0	0	1,821	0	1,465	0	158	0	1,623
		ETHYLBENZENE		970	0	0	970	0	781	0	84	0	865
		TOLUENE		7,264	0	0	7,264	0	5,844	0	630	0	6,474
		CERTAIN GLYCOL ETHERS		5,816	0	0	5,816	0	4,678	0	505	0	5,183
		METHYL ISOBUTYL KETONE		1,299	0	0	1,299	0	1,045	0	113	0	1,158
	PRO-TECT MFG. INC.		SAINT LOUIS										
		TOLUENE		30,389	0	0	30,389	0	0	0	0	0	0
		METHYL ETHYL KETONE		34,639	0	0	34,639	0	0	0	0	0	0
		METHYL ISOBUTYL KETONE		9,171	0	0	9,171	0	0	0	0	0	0
	PROCTER & GAMBLE MFG. CO.		SAINT LOUIS										
		AMMONIA		270	0	0	270	255	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		29	0	0	29	0	0	0	0	0	0
	PURO CHEM INC.		SAINT LOUIS										
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	RASKAS DAIRY		SAINT LOUIS										
		NITRIC ACID		0	0	0	0	13,517	0	0	0	0	0
	RHEOX INC.		SAINT LOUIS										
		DIISOCYANATES		0	0	0	0	0	0	0	0	0	0
		CYCLOHEXANOL		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		N-BUTYL ALCOHOL		751	0	5	756	5	968	0	0	0	968
		TOLUENE		785	0	5	790	5	1,652	0	0	0	1,652
		XYLENE (MIXED ISOMERS)		1,770	0	5	1,775	5	11,876	0	0	0	11,876
	RHONE-POULENC		SAINT LOUIS										
		METHANOL		630	0	0	630	0	0	0	170,740	0	170,740
	RHONE-POULENC, AG PLANT		SAINT LOUIS										
		LINDANE		5	0	0	5	0	0	0	7,661	0	7,661
		THIRAM		5	0	0	5	0	0	0	1,060	0	1,060
		THIODICARB		5	0	0	5	250	0	0	0	5,966	5,966
		CARBARYL		5	0	0	5	250	0	0	0	8,117	8,117

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
	SCHAEFFER MFG.		SAINT LOUIS										
		CERTAIN GLYCOL ETHERS		9,171	0	0	9,171	645	0	0	0	0	0
		NAPHTHALENE		1,215	0	0	1,215	0	0	0	0	0	0
		1,1,1-TRICHLOROETHANE		668	0	0	668	0	0	0	0	0	0
		N-BUTYL ALCOHOL		1,988	0	0	1,988	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		3,116	0	0	3,116	0	0	0	0	0	0
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		SODIUM NITRITE		0	0	0	0	0	0	0	0	0	0
		VINYL ACETATE		0	0	0	0	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		0	0	0	0	0	0	0	0	0	0
		CUMENE		0	0	0	0	0	0	0	0	0	0
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	SCHULTE PAINT MFG. CO.		SAINT LOUIS										
		XYLENE (MIXED ISOMERS)		1,505	0	0	1,505	0	0	0	0	0	0
	SIEGEL-ROBERT PLATING CO.		SAINT LOUIS										
		METHYL ETHYL KETONE		25,250	0	0	25,250	0	0	99,000	0	0	99,000
		COPPER COMPOUNDS		10	0	5	15	5	0	0	0	4,600	4,600
		NICKEL COMPOUNDS		10	0	5	15	5	0	0	0	3,900	3,900
	SIGMA CHEMICAL CO.		SAINT LOUIS										
		ETHYLENE GLYCOL		5	0	0	5	12,300	0	0	250	0	250
		AMMONIA		500	0	0	500	10,800	0	0	250	0	250
		CHLOROFORM		8,450	0	0	8,450	250	27,700	0	30,800	0	58,500
		DICHLOROMETHANE		2,950	0	0	2,950	5	13,400	0	13,800	0	27,200
		ETHYLENE GLYCOL		5	0	0	5	63,600	250	0	0	0	250
		METHANOL		40,050	0	0	40,050	13,900	617,900	0	15,400	0	633,300
		AMMONIA		500	0	0	500	48,800	0	0	250	0	250
		METHANOL		8,350	0	0	8,350	8,900	83,300	0	13,250	0	96,550
	SIGNET GRAPHICS PRODS. INC.		SAINT LOUIS										
		TOLUENE		15,120	0	0	15,120	0	1,425	0	0	0	1,425
	SILGAN CONTAINERS CORP.		SAINT LOUIS										
		N-BUTYL ALCOHOL		3,446	0	0	3,446	0	0	0	0	0	0
		1,2,4-TRIMETHYLBENZENE		4,315	0	0	4,315	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		20,950	0	0	20,950	0	44,391	0	0	0	44,391
		TOLUENE		25,621	0	0	25,621	0	73,584	0	0	0	73,584
		METHYL ETHYL KETONE		23,716	0	0	23,716	0	68,114	0	0	0	68,114
		CERTAIN GLYCOL ETHERS		30,929	0	0	30,929	0	24,639	0	0	0	24,639

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
	SMITHKLINE BEECHAM WSO	ETHYLBENZENE	SAINT LOUIS	4,573	0	0	4,573	0	10,545	0	0	0	10,545
	SMURFIT-STONE CONTAINER CORP.	BENZOYL PEROXIDE	SAINT LOUIS	0	0	0	0	421	0	0	400	0	400
	SOLUTIA INC. -- JOHN F. QUEENY	NITRATE COMPOUNDS	SAINT LOUIS	0	0	0	0	0	0	0	0	0	0
		METHANOL	SAINT LOUIS	4,434	0	0	4,434	0	0	0	0	0	0
		AMMONIA		8,526	0	0	8,526	162,809	0	0	0	0	0
		MALEIC ANHYDRIDE		1,403	0	0	1,403	0	0	0	0	0	0
	SOLUTIA INC. CARONDELET PLANT	PHOSPHORIC ACID	SAINT LOUIS	700	15,632	0	16,332	0	0	0	2,248	0	2,248
		PHOSPHORUS (YELLOW OR WHITE)		0	0	0	0	0	0	0	441	0	441
	SOUTHERN GRAPHIC SYS. INC.	COPPER COMPOUNDS	SAINT LOUIS	0	0	0	0	5	0	10,000	0	750	10,750
	ST. LOUIS METALLIZING CO.	TETRACHLOROETHYLENE	SAINT LOUIS	40,360	0	0	40,360	0	0	4,450	0	0	4,450
		NICKEL		250	0	0	250	0	0	0	0	4,499	4,499
		COPPER		250	0	0	250	0	0	0	0	1,586	1,586
		MANGANESE		5	0	0	5	0	0	0	0	255	255
		TRICHLOROETHYLENE		8,040	0	0	8,040	0	0	5,333	0	0	5,333
		CHROMIUM		250	0	0	250	0	0	0	0	2,115	2,115
	ST. LOUIS PAINT MFG. CO. INC.	1,2,4-TRIMETHYLBENZENE	SAINT LOUIS	930	0	0	930	0	0	0	0	0	0
		BENZENE		230	0	0	230	0	0	0	0	0	0
		ETHYLENE GLYCOL		1,500	0	0	1,500	170	0	0	0	0	0
		METHANOL		380	0	0	380	0	0	0	0	0	0
		TOLUENE		740	0	0	740	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		460	0	0	460	0	0	0	0	0	0
	STERIS ST. LOUIS OPS.	PHOSPHORIC ACID	SAINT LOUIS	10	0	0	10	0	0	0	0	1,660	1,660
	STERIS, ST. LOUIS OPS.	2-PHENYLPHENOL	SAINT LOUIS	10	0	0	10	750	0	0	0	363	363
		PHOSPHORIC ACID		10	0	0	10	0	0	0	0	947	947
	STERLING LACQUER MFG. CO.	METHYL ISOBUTYL KETONE	SAINT LOUIS	183	0	0	183	0	0	2,256	0	0	2,256

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
SWING-A-WAY MFG. CO.	N-BUTYL ALCOHOL			101	0	0	101	0	0	4,834	0	0	4,834
	XYLENE (MIXED ISOMERS)			326	0	0	326	0	0	2,578	0	0	2,578
	TOLUENE			1,157	0	0	1,157	0	0	40,282	0	0	40,282
	METHYL ETHYL KETONE			2,003	0	0	2,003	0	0	101,509	0	0	101,509
	CERTAIN GLYCOL ETHERS			9,050	0	0	9,050	0	0	0	0	0	0
	NICKEL			0	0	0	0	250	0	2,394	0	0	2,394
	TRICHLOROETHYLENE			1,341	0	0	1,341	5	0	16,090	0	0	16,090
	CHROMIUM			0	0	0	0	5	0	7,122	0	0	7,122
	NICKEL			0	0	0	0	5	0	6,886	0	0	6,886
	AMMONIA			755	0	0	755	0	0	0	0	0	0
TEMPSET INC.	COPPER			10	0	0	10	250	0	43,195	0	0	43,195
	TRICHLOROETHYLENE			255	0	0	255	0	500	0	0	0	500
	SEC-BUTYL ALCOHOL			255	0	0	255	0	255	0	0	0	255
	CYCLOHEXANE			500	0	0	500	0	500	0	0	0	500
	METHYL ETHYL KETONE			165	0	0	165	0	9,963	0	0	0	9,963
	XYLENE (MIXED ISOMERS)			500	0	0	500	0	13,746	0	0	0	13,746
	1,2,4-TRIMETHYLBENZENE			10	0	0	10	0	4,448	0	0	0	4,448
	ETHYLBENZENE			10	0	0	10	0	1,622	0	0	0	1,622
	CHLOROFORM			500	0	0	500	0	1,000	0	0	0	1,000
	CERTAIN GLYCOL ETHERS			500	0	0	500	0	9,451	0	0	0	9,451
TRANSCHEMICAL INC.	DICHLOROMETHANE			500	0	0	500	0	1,000	0	0	0	1,000
	METHYL ISOBUTYL KETONE			255	0	0	255	0	2,727	0	0	0	2,727
	ETHYLENE GLYCOL			10	0	0	10	0	4,799	0	0	0	4,799
	TOLUENE			1,000	0	0	1,000	0	60,976	0	0	0	60,976
	METHANOL			1,000	0	0	1,000	0	25,623	0	0	0	25,623
	N-BUTYL ALCOHOL			16	0	0	16	0	2,870	0	0	0	2,870
	CHROMIUM COMPOUNDS			250	0	0	250	0	0	1,000	0	250	1,250
	XYLENE (MIXED ISOMERS)			4,664	0	0	4,664	0	16,039	0	0	4,449	20,488
	CERTAIN GLYCOL ETHERS			4,990	0	0	4,990	0	6,976	0	0	250	7,226
	METHYL ETHYL KETONE			10,890	0	0	10,890	0	147,659	0	0	250	147,909
U.S. PAINT CORP.	METHYL ISOBUTYL KETONE			755	0	0	755	0	1,000	0	0	250	1,250
	N-BUTYL ALCOHOL			2,606	0	0	2,606	0	7,925	0	0	750	8,675
	TOLUENE			3,263	0	0	3,263	0	8,074	0	0	750	8,824

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
		COPPER COMPOUNDS		750	0	0	750	0	0	0	3,782	3,782	7,564
		ZINC COMPOUNDS		250	0	0	250	0	0	1,620	750	2,536	4,906
	<i>U.S. POLYMERS INC.</i>		SAINT LOUIS										
		1,2,4-TRIMETHYLBENZENE		500	0	0	500	0	750	0	0	0	750
		XYLENE (MIXED ISOMERS)		920	0	0	920	5	2,025	0	0	0	2,025
		CERTAIN GLYCOL ETHERS		1,000	0	0	1,000	0	2,022	0	0	0	2,022
		PHTHALIC ANHYDRIDE		750	0	0	750	0	0	0	0	0	0
		ETHYLBENZENE		276	0	0	276	5	750	0	0	0	750
	<i>U.S. RINGBINDER L.P.</i>		SAINT LOUIS										
		TRICHLOROETHYLENE		12,000	0	0	12,000	0	0	2,900	0	0	2,900
	<i>US INK A DIV. OF SUN CHEMICAL</i>		SAINT LOUIS										
		BARIUM COMPOUNDS		0	0	0	0	0	0	0	0	0	0
	<i>UT AUTOMOTIVE</i>		SAINT LOUIS										
		DECABROMODIPHENYL OXIDE		90	0	0	90	750	0	0	0	250	250
		ANTIMONY COMPOUNDS		250	0	0	250	250	0	0	0	250	250
		ZINC COMPOUNDS		450	0	0	450	2,800	0	0	0	1,100	1,100
	<i>VALVOLINE CO.</i>		SAINT LOUIS										
		ZINC COMPOUNDS		0	0	0	0	0	0	0	0	154	154
	<i>VAN WATERS & ROGERS INC.</i>		SAINT LOUIS										
		ETHYLENE GLYCOL		0	0	0	0	0	0	0	0	0	0
		N-METHYL-2-PYRROLIDONE		0	0	0	0	0	0	0	0	0	0
		CHLORINE		1,861	0	0	1,861	0	0	0	0	0	0
		PHOSPHORIC ACID		98	0	0	98	2,500	0	0	0	0	0
		METHYL ETHYL KETONE		0	0	0	0	0	0	0	0	0	0
		TERT-BUTYL ALCOHOL		0	0	0	0	0	0	0	0	0	0
		DIETHANOLAMINE		0	0	0	0	0	0	0	0	0	0
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		TRICHLOROETHYLENE		0	0	0	0	0	0	0	0	0	0
		DICHLOROMETHANE		0	0	0	0	0	0	0	0	0	0
		METHANOL		0	0	0	0	0	0	0	0	0	0
		CERTAIN GLYCOL ETHERS		0	0	0	0	0	0	0	0	0	0
		AMMONIA		0	0	0	0	0	0	0	0	0	0
		2-METHOXYETHANOL		0	0	0	0	0	0	0	0	0	0
		TOLUENE		0	0	0	0	0	0	0	0	0	0
	<i>WALSH & ASSOCIATES INC.</i>		SAINT LOUIS										
		LEAD		0	0	0	0	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
		CHROMIUM		0	0	0	0	0	0	0	0	0	0
	<i>WARNER-JENKINSON CO. INC.</i>		SAINT LOUIS										
		MANGANESE COMPOUNDS		0	0	0	0	7,665	0	0	0	86,705	86,705
		N-BUTYL ALCOHOL		13,829	0	0	13,829	1,035	0	0	0	0	0
		SODIUM NITRITE		0	0	0	0	0	0	0	0	0	0
		PHTHALIC ANHYDRIDE		0	0	0	0	79,508	0	0	0	0	0
	<i>WATSON COATINGS INC.</i>		SAINT LOUIS										
		CERTAIN GLYCOL ETHERS		1,100	0	0	1,100	0	0	0	0	0	2,000
	<i>WHITMIRE MICRO-GEN RESEARCH LA</i>		SAINT LOUIS										
		PIPERONYL BUTOXIDE		0	0	0	0	0	0	0	0	0	0
		DIAZINON		0	0	0	0	0	0	0	0	0	0
		1,1,1-TRICHLOROETHANE		2,839	0	0	2,839	0	0	0	24,475	0	24,475
	<i>WILLERT HOME PRODS.</i>		SAINT LOUIS										
		1,4-DICHLOROBENZENE		1,306	0	0	1,306	0	0	0	27,186	0	27,186
STE GENEVIEVE													
	<i>MISSISSIPPI LIME CO.</i>		SAINTE GENEVIEVE										
		HYDROCHLORIC ACID (1995 AND AFTER		43,300	0	0	43,300	0	0	0	0	0	0
STODDARD													
	<i>ARVIN EXHAUST</i>		DEXTER										
		CHROMIUM		9,727	0	0	9,727	0	0	823,235	0	0	823,235
		XYLENE (MIXED ISOMERS)		12,517	0	0	12,517	0	0	1,814	0	0	1,814
		MANGANESE		806	0	0	806	0	0	69,904	0	0	69,904
		NICKEL		402	0	0	402	0	0	34,883	0	0	34,883
	<i>IXL MFG. CO. INC.</i>		BERNIE										
		STYRENE		1,966	0	0	1,966	0	0	0	0	0	0
	<i>MIRACLE RECREATION EQUIP. CO.</i>		ADVANCE										
		STYRENE		6,500	0	0	6,500	0	500	0	0	0	500
	<i>TYSON FOODS FEED MILL</i>		DEXTER										
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
SULLIVAN													
	<i>CONAGRA FROZEN FOODS</i>		MILAN										
		AMMONIA		11,115	0	0	11,115	0	0	0	0	0	0
	<i>PREMIUM STANDARD FARMS - PORK</i>		MILAN										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
TEXAS		NITRATE COMPOUNDS		0	0	129,564	129,564	0	0	0	0	0	0
		AMMONIA		255	0	603	858	0	0	0	0	0	0
		CHLORINE		0	0	250	250	250	0	0	0	0	0
	DAIRY FARMERS OF AMERICA INC.		CABOOL										
		NITRIC ACID		0	0	0	0	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	PATIO CHEF CO. LLC		LICKING										
		METHANOL		893,520	0	0	893,520	0	0	0	0	0	0
VERNON	3M NEVADA PLANT		NEVADA										
		METHANOL		830	0	0	830	0	2,540	0	18,000	640	21,180
		CERTAIN GLYCOL ETHERS		2,200	0	0	2,200	0	201	0	1,500	51	1,752
		CHROMIUM COMPOUNDS		0	0	0	0	5	0	0	0	600	600
		LEAD COMPOUNDS		0	0	0	0	5	0	4,700	0	5,640	10,340
		ANTIMONY COMPOUNDS		0	0	0	0	0	0	0	0	1,921	1,921
		N-METHYL-2-PYRROLIDONE		2,200	0	0	2,200	0	0	0	0	0	0
		METHYL ETHYL KETONE		163,700	0	0	163,700	0	183,400	0	750,000	26,000	959,400
		XYLENE (MIXED ISOMERS)		213,300	0	0	213,300	0	319,000	0	470,000	17,000	806,000
		METHYL ISOBUTYL KETONE		13,000	0	0	13,000	0	37	0	270	9	316
		ZINC COMPOUNDS		0	0	0	0	30	0	0	0	7,100	7,100
		ETHYLBENZENE		44,700	0	0	44,700	0	54,500	0	2,800	100	57,400
		N-BUTYL ALCOHOL		5,800	0	0	5,800	0	1	0	5	0	6
		TOLUENE		45,290	0	0	45,290	0	44,200	0	47,000	1,700	92,900
	ALLIED-SIGNAL INC., FILTERS &		NEVADA										
		CHROMIUM		0	0	0	0	0	0	21,792	0	0	21,792
		MANGANESE		0	0	0	0	0	0	5,815	0	0	5,815
		NICKEL		0	0	0	0	0	0	10,332	0	0	10,332
WARREN	BINKLEY CO.		WARRENTON										
		N-BUTYL ALCOHOL		10,482	0	0	10,482	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
		NICKEL		0	0	0	0	0	0	173,134	0	0	173,134
		TOLUENE		15,394	0	0	15,394	0	0	0	0	0	0
		XYLENE (MIXED ISOMERS)		15,368	0	0	15,368	0	0	0	0	0	0

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				POTW	Off-site Transfers (Pounds)				
				AIR	LAND	WATER	TOTAL		ENERG	RECYCL	TRMT	DISP	TOTAL
WASHINGTON		CERTAIN GLYCOL ETHERS		17,700	0	0	17,700	0	0	0	0	0	0
		ETHYLBENZENE		10,482	0	0	10,482	0	0	0	0	0	0
	HEEL RITE CORP.		WRIGHT CITY										
		N-HEXANE		32,000	0	0	32,000	0	0	0	0	750	750
	PHILIP SERVICES CORP.		WARRENTON										
		COPPER		17,655	0	250	17,905	0	0	3,525,774	0	260,742	3,786,516
	WARRENTON PRODS. INC.		WARRENTON										
		CHLORINE		0	0	0	0	0	0	0	0	0	0
		AMMONIA		250	0	0	250	0	0	0	0	0	0
		PHOSPHORIC ACID		0	0	0	0	0	0	0	0	0	0
	BUCKMAN LABS. INC.		CADET										
		FORMALDEHYDE		0	0	0	0	0	0	0	0	0	0
WEBSTER		METHAM SODIUM		0	0	0	0	0	0	0	181	0	181
		DIMETHYLAMINE		502	0	0	502	0	0	0	0	0	0
		1,2-DICHLOROETHANE		640	0	0	640	0	28,852	0	0	0	28,852
		CARBON DISULFIDE		18	0	0	18	0	0	0	0	0	0
		BIS(2-CHLOROETHYL) ETHER		414	0	2	416	0	7,968	0	0	0	7,968
		POTASSIUM		0	0	0	0	0	0	0	33	0	33
		METHANOL		0	0	0	0	0	0	0	0	0	0
		BROMINE		0	0	0	0	0	0	0	0	0	0
		DAZOMET		0	0	0	0	0	0	0	0	0	0
		SULFURIC ACID (1994 AND AFTER "ACID		0	0	0	0	0	0	0	0	0	0
		SODIUM DIMETHYLDITHIOCARBAMATE		0	0	0	0	0	0	0	0	0	0
		POTASSIUM		0	0	0	0	0	0	0	0	0	0
		OZONE		0	0	0	0	0	0	0	0	0	0
		EPICHLOROHYDRIN		0	0	0	0	0	0	0	0	0	0
		DISODIUM		0	0	0	0	0	0	0	0	0	0
		1,4-DIOXANE		0	0	0	0	0	0	0	0	0	0
		AMMONIA		0	0	0	0	0	0	0	0	0	0
WEBSTER	SPORTSMAN INC.		ROGERSVILLE										
		M-XYLENE		42,000	0	0	42,000	0	16,519	0	0	0	16,519
		STYRENE		31,468	0	0	31,468	0	0	0	0	24,145	24,145
WEBSTER	TYLER PIPE CO.		MARSHFIELD										

COUNTY	FACILITY	CHEM_NAME	CITY	On-site Releases (Pounds)				Off-site Transfers (Pounds)					
				AIR	LAND	WATER	TOTAL	POTW	ENERG	RECYCL	TRMT	DISP	TOTAL
WILCORP	INDS. INC.	MANGANESE COMPOUNDS	MARSHFIELD	0	5	0	5	0	0	7,464	0	5	7,469
		NICKEL COMPOUNDS		0	5	0	5	0	0	48,610	0	5	48,615
		CHROMIUM COMPOUNDS		0	5	0	5	0	0	109,065	0	5	109,070
		TOLUENE		1,481	0	0	1,481	0	1,791	0	12,687	448	14,926
		N-HEXANE		58	0	0	58	0	160	0	1,131	40	1,331
		METHYL ETHYL KETONE		5,034	0	0	5,034	0	5,855	0	41,468	1,464	48,787
		DIISOCYANATES		0	0	0	0	0	52	0	364	13	429
		XYLENE (MIXED ISOMERS)		16,700	0	0	16,700	0	0	0	0	0	0
		COPPER COMPOUNDS		0	0	0	0	0	0	0	0	0	0
		MOLYBDENUM TRIOXIDE		0	0	0	0	0	0	0	0	0	0
YORK	CASKET-MISSOURI	PHOSPHORUS (YELLOW OR WHITE)	MARSHFIELD	0	0	0	0	0	0	0	0	0	0
		NICKEL COMPOUNDS		250	0	0	250	0	0	0	0	2,200	2,200
		CHROMIUM COMPOUNDS		250	0	0	250	0	0	0	0	4,800	4,800
		METHYL ETHYL KETONE		17,800	0	0	17,800	0	0	0	0	0	0
		TOLUENE		22,200	0	0	22,200	0	0	0	0	0	0
		MANGANESE COMPOUNDS		250	0	0	250	0	0	0	0	750	750
		XYLENE (MIXED ISOMERS)		4	0	0	4	0	0	0	0	0	0
		TOLUENE		4	0	0	4	0	0	0	0	0	0
WRIGHT	MANS STEEL		MANSFIELD										

APPENDIX D

COMMON USES OF TOXIC CHEMICALS AND THEIR POTENTIAL HAZARDS

Appendix D

COMMON USES OF TOXIC CHEMICALS AND THEIR POTENTIAL HAZARDS

The following information is presented as a quick-reference summary of information for some of the toxic chemicals that are reported by TRI facilities. It is not a detailed discussion of the uses or potential hazards posed by the chemicals. This information is from *Hazardous Substance Fact Sheets* provided by the New Jersey Department of Health and distributed by the Environmental Protection Agency, Computer Aided Management of Emergency Operations (CAMEO) and from *A Comprehensive Guide to the Hazardous Properties of Chemical Substances* by Dr. Pradyot Patnaik. The reader should consult chemicals or toxicology reference materials to learn more about the substances presented in this summary. Compiled by the Minnesota Emergency Response Commission.

Acetaldehyde: Used as a liquid in making acetic acid, pyridine, pentaerythritol, peracetic acid and related chemicals. It occurs naturally in ripe fruit, coffee and cigarette smoke.

Hazard: Inhalation can irritate respiratory system, affect the cardiovascular system; liquid or vapor irritates skin and eyes.

Aluminum (Fume or Dust): Used as a powder in paints and protective coatings, as a catalyst and in rocket fuel.

Hazard: Fine powders form flammable and explosive mixtures in air and with powerful oxidants; moderately flammable by heat, flame or chemical reaction with oxidizers.

Ammonia: Used in making fertilizers, explosives, plastics, dyes and textiles.

Hazard: Moderately flammable; inhalation may irritate lungs; can irritate nose eyes, mouth and throat; exposure to concentrated fumes can be fatal.

n-Butyl Alcohol: Liquid used as a solvent for fats, waxes, shellacs, resins, gums and varnishes.

Hazard: Flammable liquid and fire hazard; can damage liver, kidneys, hearing and sense of balance; can cause eye irritation and headaches, irritation to nose and throat may occur.

Carbon Disulfide: Liquid used to make rayon, agricultural fumigants, rubber chemicals and cellulose; clean metal surfaces and extract olive oil.

Hazard: Adversely effects the nervous system; dizziness, headaches, blurred vision, agitation, convulsions, coma and death; vapor irritates the nose and throat; liquid causes chemical burns, damage to eyes.

Chloroform: Used as a cleansing agent, manufacture of refrigerant and fire extinguishers.

Hazard: Dizziness, light-headedness, dullness, hallucination, nausea, headache, fatigue and anesthesia.

Copper and Compounds: Used in electrical wiring, plumbing, compounds used in fumigants, pesticides, electroplating, paint pigments and catalysts.

Hazard: Irritants; some compounds highly toxic; degree of toxicity dependent on compound, exposure and method of entry into the body.

Di (2-ethylhexyl) phthalate: Used to make plastics, products found in homes, automobiles, medical and packaging industries.

Hazard: It is a carcinogen and teratogen; short term exposure may cause irritation to eyes, nose and throat; long term exposure may cause liver cancer; may damage testes, kidneys and liver; may cause numbness and tingling in the arms and legs.

Dichloromethane: Industrial solvent and paint stripper; in aerosol and pesticide products; used in photographic film productions and in food, furniture and plastics processing.

Hazard: Carcinogen; lung irritant; inhalation can cause headaches, fatigue and drunk behavior.

Ethyl Benzene: A solvent, intermediate in the production of styrene.

Hazard: Has a mild toxicity by inhalation and intraperitoneal routes; an eye and skin irritant.

Ethylene Benzene: In anti-freeze, paints, laminates, auto brake fluids, ink, tobacco and wood stains and used to de-ice aircraft wings.

Hazard: Teratogen; highly toxic by ingestion or inhalation.

Formaldehyde: Used in manufacture of phenolic resins, cellulose esters, artificial silks, dyes, explosives and organic chemicals; also germicide, fungicide and disinfectant; in tanning, adhesives, waterproofing fabrics, and tonic and chrome printing in photography.

Hazard: Can injure eyes, skin and respiratory system; is a mutagen, teratogen and probably carcinogenic.

Glycol Ethers: Solvents.

Hazard: Toxic by inhalation, ingestion or skin absorption; irritating to eyes, nose, throat and skin.

Hexane: Chief constituent of petroleum ether, gasoline and rubber solvent; also solvent for adhesives, vegetable oils, in organic analysis; and denaturing alcohols.

Hazard: May produce distorted vision, hallucination, headache, dizziness, nausea and irritation of eyes and throat.

Hydrochloric Acid: Metal cleaning and pickling, food processing and general cleaners.

Hazard: Very corrosive, toxic by ingestion or inhalation; can irritate mouth, nose and throat.

Hydrogen Fluoride: Used as a catalyst in petroleum industry, fluorination process in aluminum industry, make fluorides, separation of uranium isotopes, making plastics and production of dyes.

Hazard: Is corrosive; can irritate nose, throat and lungs, can cause pulmonary edema, can cause severe burns to skin and eyes; may damage kidneys and liver.

Lead and Compounds: In batteries, gasoline additives, ammunition, piping and radiation shielding.

Hazard: Poison by ingestion, can cause brain damage, particularly in children; suspected carcinogen of the lungs and kidneys.

Manganese and Compounds: Used in aluminum production, steel making and dry cell batteries, compounds used for varnishes, fertilizers and food additives.

Hazard: Dust is flammable and moderately explosive; toxic by inhalation.

Methanol: Solvent, cleaner and fuel.

Hazard: Highly flammable, ingestion can cause blindness; has a mild toxicity by inhalation.

Methyl Ethyl Ketone: Solvent in making plastics, textiles, paint removers and adhesives.

Hazard: flammable, explosive; toxic by inhalation; a strong irritant; has a moderate toxicity by ingestion.

Methyl Isobutyl Ketone: Solvent for paints, varnishes, nitrocellulose lacquers, gun and resins.

Hazard: Flammable, poison by intraperitoneal route, has a moderate toxicity by ingestion or inhalation; very irritating to eyes, skin and mucous membranes; narcotic in high concentrations.

Nickel and Compounds: Used in alloys and electroplating, catalysts, dyes and textile printing.

Hazard: Carcinogenic and poisonous.

Nitrate Compounds: Accelerates the burning of combustible materials; if involved in a fire an explosion may result, may react violently with fuels.

Hazard: May cause burns to skin and eyes; may produce irritating or poisonous gasses.

Nitric Acid: Used in making fertilizers, dyes, explosives, metallurgy and etching steel.

Hazard: Corrosive, powerful oxidizer; flammable by chemical reaction with reducing agent; produces toxic fumes when heated to decomposition; corrosive to eyes, skin, mucous membranes and teeth; experimental teratogen; delays pulmonary edema.

Styrene: Used in the manufacture of polystyrene, resins, protective coatings, plastics, synthetic rubber and an insulator.

Hazard: Toxic by ingestion and inhalation; can react vigorously with oxidizing agents; emits acrid smoke and irritating fumes when heated to decomposition.

Sulfuric Acid: In fertilizers, chemicals, dyes, rayon and film; widely used by metals industry.

Hazard: Moderately toxic by ingestion; a severe eye irritant, extremely irritating, corrosive and toxic to tissue.

Tetrachloroethylene: Used as a solvent, in dry-cleaning and metal degreasing.

Hazard: Can produce headaches, dizziness, drowsiness, incoordination, irritation to eyes, nose and throat; flushing of neck and face.

Toluene: Solvent for perfumes, medicines, dyes, explosives, detergents, aviation gasoline and other chemicals.

Hazard: Highly flammable and explosive; toxic by ingestion, inhalation and skin contact.

1,1,1-Trichloroethane: Solvent for cleaning precision instruments; also in pesticides and textiles.

Hazard: Suspected carcinogen, irritating to eyes and skin; has a mild toxicity by ingestion, inhalation and skin contact.

Trichloroethylene: Cleaning electronic parts and diluting paints; also in degreasers and fumigants; aerospace industries use it to flush liquid oxygen.

Hazard: Carcinogenic, has a mild toxicity by ingestion and inhalation.

1,2,4-Trimethyl Benzene: Used in the manufacture of dyes and pharmaceuticals.

Hazard: Moderately toxic by intraperitoneal route; mildly toxic by inhalation; can cause nervous system depression, anemia and bronchitis; flammable when exposed to heat, flame or oxidizers.

Xylene: Used as solvents and in making drugs, dyes, insecticides and gasoline.

Hazard: Flammable, mildly toxic by ingestion and inhalation.

Zinc and Compounds: Used as a coating on iron and steel, in making brass metal alloys, car parts, electroplating, batteries, electrical products, paints and fumigants.

Hazard: Zinc dust is flammable and a human skin irritant.

APPENDIX E

TOTAL RELEASES BY COUNTY

Appendix E - Total Releases by County

County	No. of Reports	Total Releases
Iron	22	35,380,989
Reynolds	12	21,290,818
Jefferson	58	14,565,189
St Louis	329	7,754,568
Scott	20	7,383,038
St Charles	80	6,222,950
Franklin	85	5,773,992
Carter	1	3,294,720
Shannon	1	2,753,280
Clay	102	2,747,925
Pike	46	2,522,377
New Madrid	28	2,511,096
Jasper	54	2,451,724
St Louis City	352	1,932,566
Randolph	15	1,820,960
Buchanan	87	1,666,750
Jackson	161	1,435,156
Greene	109	1,101,210
Platte	20	1,003,768
Texas	3	893,520
Audrain	39	845,194
Cape Girardeau	35	745,347
Boone	23	731,960
Barry	30	683,837
Henry	9	571,180
Vernon	16	491,020
Dunklin	17	364,977
Osage	6	357,900
Perry	6	315,668
Pemiscot	8	234,994
Marion	71	232,048
Lawrence	23	224,950
Pettis	28	224,728
Hickory	1	174,687
Laclede	19	154,364
Sullivan	4	141,787

County	No. of Reports	Total Releases
Saline	7	58,200
Lincoln	5	49,870
Livingston	6	48,137
Howell	9	43,477
Ste. Genevieve	1	43,300
Miller	2	40,473
Lafayette	3	36,817
Butler	14	36,335
Barton	2	36,092
Macon	2	33,906
Stoddard	7	31,918
Nodaway	9	23,810
Carroll	7	17,136
Montgomery	8	13,800
Lewis	3	13,643
Ralls	8	12,582
Camden	2	12,521
Daviess	4	9,583
Chariton	1	7,274
McDonald	3	6,771
Maries	2	6,672
Crawford	7	5,480
Johnson	11	4,025
Christian	12	3,630
Howard	5	2,531
Ray	10	1,775
Washington	18	1,576
Phelps	3	1,367
Shelby	5	1,063
Callaway	1	783
Monroe	4	500
Grundy	5	310
Wright	2	8
Ripley	2	5
Cass	6	0
Dent	1	0

Webster	18	137,506
Warren	12	119,581
Cole	30	114,507
Cooper	7	96,481
Polk	3	88,860
Holt	3	74,873
St. Francois	6	71,455
Adair	3	64,620
Newton	13	60,770

Morgan	1	0
Clinton	3	0
Cedar	1	0
Dallas	1	0
Putnam	3	0
Moniteau	4	0
Bates	1	0
Mississippi	1	0
Mercer	2	0

APPENDIX F

1998 CHEMICALS SORTED IN DESCENDING ORDER OF TOTAL RELEASES

Appendix F

1998 Chemicals Sorted in Descending Order of Total Releases

CHEMICAL NAME	AIR	On-site Releases		TOT_REL	Off-site Transfers	
		LAND	WATER		POTW	
TOTAL						
ZINC COMPOUNDS	174,106	33,143,307	30,936	33,348,349	9,160	6,230,619
LEAD COMPOUNDS	376,589	27,122,693	8,901	27,508,183	2,259	19,435,561
BARIUM COMPOUNDS	168,851	10,138,812	104,433	10,412,096	0	19,164
HYDROCHLORIC ACID (1995 AND AFTER	9,897,762	5	0	9,897,767	10	0
METHANOL	8,687,885	10	10,134	8,698,029	895,427	6,144,104
ZINC (FUME OR DUST)	8,652	6,125,424	8	6,134,084	5	5,550
COPPER COMPOUNDS	42,454	4,840,185	5,604	4,888,243	3,675	1,147,525
XYLENE (MIXED ISOMERS)	3,637,996	0	5	3,638,001	1,544	4,415,544
LEAD	71,650	2,751,135	300	2,823,085	3,684	849,806
HYDROGEN FLUORIDE	2,658,132	0	0	2,658,132	0	14,300
NITRATE COMPOUNDS	607	899	2,010,526	2,012,032	374,446	700,169
SULFURIC ACID (1994 AND AFTER "ACID	1,981,010	2,870	0	1,983,880	0	595
AMMONIA	1,173,818	270,276	493,454	1,937,548	2,176,996	41,859
CERTAIN GLYCOL ETHERS	1,878,871	5,400	5	1,884,276	116,037	925,222
TOLUENE	1,674,259	14	37	1,674,310	6,009	5,277,851
N-HEXANE	1,540,211	0	5	1,540,216	1,111	69,761
METHYL ETHYL KETONE	1,186,656	10	100	1,186,766	10	2,559,337
METHYL ISOBUTYL KETONE	1,149,829	5	11	1,149,845	405	1,165,602
1-CHLORO-1,1-DIFLUOROETHANE	970,294	0	0	970,294	0	0
STYRENE	941,321	27,389	0	968,710	255	250,128
N-BUTYL ALCOHOL	716,941	0	5	716,946	1,050	197,065

<i>CHEMICAL NAME</i>	<i>AIR</i>	<i>On-site Releases</i>			<i>Off-site Transfers</i>	
		<i>LAND</i>	<i>WATER</i>	<i>TOT_REL</i>	<i>POTW</i>	<i>TOTAL</i>
ETHYLBENZENE	716,841	0	5	716,846	519	685,539
TRICHLOROETHYLENE	469,054	0	0	469,054	13	198,488
CHLOROETHANE	442,497	0	0	442,497	0	0
BARIUM	14,819	396,811	0	411,630	0	0
COPPER	25,875	377,542	609	404,026	36,526	19,893,352
1,2,4-TRIMETHYLBENZENE	395,052	5	10	395,067	16	200,357
MANGANESE COMPOUNDS	18,078	344,212	5,030	367,320	66,384	1,132,156
DICHLOROMETHANE	302,907	5	110	303,022	1,487	267,498
MANGANESE	152,891	97,841	1,029	251,761	564	779,596
1,1-DICHLORO-1-FLUOROETHANE	231,177	0	0	231,177	0	0
FORMALDEHYDE	209,418	5	115	209,538	27,250	10,690
NICKEL COMPOUNDS	7,221	176,239	5,177	188,637	3,110	437,586
CHROMIUM COMPOUNDS	4,871	140,318	3,720	148,909	927	497,690
CHLORODIFLUOROMETHANE	147,791	0	0	147,791	0	287
CHLORINE	116,141	0	250	116,391	250	0
CHLOROFORM	100,471	0	0	100,471	1,950	240,590
N-METHYL-2-PYRROLIDONE	98,726	5	5	98,736	76,068	118,052
PHENOL	97,548	10	0	97,558	305	113,077
CHROMIUM	96,062	255	255	96,572	605	1,658,766
POLYCYCLIC AROMATIC COMPOUNDS	85,348	0	0	85,348	0	0
COBALT	290	80,295	2	80,587	0	641
TETRACHLOROETHYLENE	78,834	0	0	78,834	0	56,884
PHOSPHORIC ACID	34,541	39,942	705	75,188	98,958	77,301
DIISOCYANATES	33,665	34,177	0	67,842	0	217,258
BROMOMETHANE	64,401	0	0	64,401	0	0
ETHYLENE GLYCOL	47,184	11,250	0	58,434	96,558	619,232

<i>CHEMICAL NAME</i>	<i>On-site Releases</i>				<i>Off-site Transfers</i>	
	<i>AIR</i>	<i>LAND</i>	<i>WATER</i>	<i>TOT_REL</i>	<i>POTW</i>	<i>TOTAL</i>
CADMIUM COMPOUNDS	38,858	7,711	37	46,606	49	1,067
NITRIC ACID	45,748	5	5	45,758	63,069	714,578
M-XYLENE	43,443	0	0	43,443	0	28,983
1,1,2-TRICHLOROETHANE	41,853	0	0	41,853	2,500	2,566,679
MALEIC ANHYDRIDE	39,763	0	0	39,763	0	6,258
O-XYLENE	37,843	5	20	37,868	0	5,817
NICKEL	8,001	28,932	282	37,215	2,997	1,019,475
DIMETHYL PHTHALATE	33,679	265	0	33,944	250	32,994
1,2-DICHLOROETHANE	30,940	5	22	30,967	0	29,736
COBALT COMPOUNDS	854	21,005	5	21,864	0	0
ANTIMONY COMPOUNDS	1,635	16,482	292	18,409	250	161,967
ARSENIC COMPOUNDS	910	17,024	283	18,217	14	10,965
CRESOL (MIXED ISOMERS)	17,870	0	0	17,870	250	144,575
ALUMINUM (FUME OR DUST)	5,051	10,982	250	17,440	250	454,161
METHYL TERT-BUTYL ETHER	17,098	0	5	17,103	10	1,902
DI(2-ETHYLHEXYL) PHTHALATE	2,635	13,526	0	16,161	252	159,397
CYCLOHEXANE	16,023	0	0	16,023	0	21,165
ANTIMONY	30	15,652	7	15,689	53	18,962
SEC-BUTYL ALCOHOL	15,599	0	0	15,599	0	4,528
CHLOROMETHANE	14,498	0	0	14,498	0	0
CADMIUM	156	14,338	2	14,496	0	0
CUMENE	14,458	0	0	14,458	0	5,266
1,1,1-TRICHLOROETHANE	12,418	0	0	12,418	0	28,788
ACETOPHENONE	10,035	0	0	10,035	0	0
BENZENE	9,305	0	5	9,310	35	4,642
CREOSOTE	7,600	0	400	8,000	3,600	8,000

<i>CHEMICAL NAME</i>	<i>On-site Releases</i>				<i>Off-site Transfers</i>	
	<i>AIR</i>	<i>LAND</i>	<i>WATER</i>	<i>TOT_REL</i>	<i>POTW</i>	<i>TOTAL</i>
TRIETHYLAMINE	6,050	0	0	6,050	0	13,750
FORMIC ACID	5,549	0	0	5,549	0	0
METHYL METHACRYLATE	5,264	0	0	5,264	0	8,347
PROPYLENE	5,160	0	0	5,160	0	0
2,4-DIMETHYLPHENOL	5,000	0	0	5,000	255	31,635
NITROGLYCERIN	3	0	4,713	4,716	0	2
BROMINE	3,025	0	0	3,025	5	0
ETHYLENE OXIDE	2,935	0	0	2,935	1	0
2,4-D 2-ETHYLHEXYL ESTER	2,926	0	5	2,931	0	8,890
CYANIDE COMPOUNDS	2,902	5	5	2,912	360	11
M-CRESOL	2,905	0	0	2,905	5	7,015
NAPHTHALENE	2,731	5	10	2,746	10	15,639
3-iodo-2-propynyl butylcarbamate	2,600	0	0	2,600	0	0
PROPYLENE OXIDE	2,599	0	0	2,599	0	0
HYDRAZINE	1,886	1	183	2,070	0	2,066
PHTHALIC ANHYDRIDE	1,826	0	0	1,826	79,508	5,948
DIETHANOLAMINE	1,739	5	0	1,744	0	1,530
TOLUENE DIISOCYANATE (MIXED	1,736	5	0	1,741	0	19,866
P-CRESOL	1,740	0	0	1,740	5	4,900
MALATHION	1,714	0	0	1,714	0	750
DICYCLOPENTADIENE	1,600	0	0	1,600	0	1,600
CYCLOHEXANOL	1,580	0	0	1,580	0	1,286
BROMOXYNIL OCTANOATE	1,556	0	0	1,556	0	40
1,4-DICHLOROBENZENE	1,306	0	0	1,306	0	27,186
PENDIMETHALIN	1,000	5	15	1,020	0	81,560
VINYL ACETATE	925	0	0	925	0	29,438

CHEMICAL NAME	On-site Releases				Off-site Transfers	
	AIR	LAND	WATER	TOT_REL	POTW	TOTAL
ISOPROPYL ALCOHOL (MANUFACTURING,	868	0	0	868	0	27,653
METHOXONE	755	0	0	755	0	22
N,N-DIMETHYLFORMAMIDE	718	0	0	718	4,455	103,056
DIMETHYLAMINE	549	0	0	549	0	0
CARBON DISULFIDE	533	0	0	533	0	0
ACEPHATE	500	0	0	500	0	500
BIS(2-CHLOROETHYL) ETHER	414	0	2	416	0	7,968
ATRAZINE	395	0	0	395	170	27,209
2,4-D	348	0	10	358	15	10,470
ACETONITRILE	337	0	0	337	5,200	48,590
S,S,S-TRIBUTYLTRITHIOPHOSPHATE	250	0	36	286	0	691
TETRACYCLINE HYDROCHLORIDE	270	0	0	270	900	1,800
DIBUTYL PHTHALATE	266	0	0	266	5	9
CARBARYL	260	0	0	260	250	10,125
2,4-D BUTOXYETHYL ESTER	255	0	0	255	0	0
EPICHLOROHYDRIN	255	0	0	255	0	750
OZONE	176	0	0	176	0	0
2-METHOXYETHANOL	176	0	0	176	0	603
CHLOROBENZENE	168	0	0	168	0	4,817
TRIFLURALIN	132	5	0	137	0	31,833
ALUMINUM OXIDE (FIBROUS FORMS)	109	0	0	109	5	22,441
ACETALDEHYDE	100	0	0	100	0	0
METRIBUZIN	68	0	24	92	0	12,753
DECABROMODIPHENYL OXIDE	90	0	0	90	750	250
1,4-DIOXANE	85	0	0	85	0	0
VINYL CHLORIDE	56	0	0	56	0	0

<i>CHEMICAL NAME</i>	<i>On-site Releases</i>				<i>Off-site Transfers</i>	
	<i>AIR</i>	<i>LAND</i>	<i>WATER</i>	<i>TOT_REL</i>	<i>POTW</i>	<i>TOTAL</i>
CYANAZINE	54	0	0	54	5	27,200
TERT-BUTYL ALCOHOL	36	0	0	36	0	90
DIMETHYL CHLOROTHIOPHOSPHATE	31	0	0	31	0	0
FLUOMETURON	27	0	0	27	220	6,300
BIPHENYL	25	0	0	25	0	0
SILVER	21	0	0	21	0	11,000
SODIUM NITRITE	19	0	0	19	18,774	138
PENTACHLOROPHENOL	15	0	1	16	5	7
1,2-DICHLOROBENZENE	15	0	0	15	0	0
PYRIDINE	15	0	0	15	0	0
2-ETHOXYETHANOL	15	0	0	15	0	0
PHENANTHRENE	15	0	0	15	0	0
SIMAZINE	12	0	0	12	0	1,550
PROMETRYN	12	0	0	12	0	35,060
BERYLLIUM	0	10	0	10	0	10
DIGLYCIDYL RESORCINOL ETHER	10	0	0	10	0	250
2-PHENYLPHENOL	10	0	0	10	750	363
4,4'-METHYLENEDIANILINE	10	0	0	10	0	0
N,N-DIMETHYLANILINE	7	0	0	7	0	50,000
LINDANE	5	0	0	5	0	7,661
THIRAM	5	0	0	5	0	1,495
THIODICARB	5	0	0	5	250	5,966
ETHYL CHLOROFORMATE	5	0	0	5	0	0
CYFLUTHRIN	4	0	1	5	0	964
BENFLURALIN	4	0	0	4	0	337
TRIADIMEFON	3	1	0	4	0	1,984

<i>CHEMICAL NAME</i>	<i>On-site Releases</i>				<i>Off-site Transfers</i>	
	<i>AIR</i>	<i>LAND</i>	<i>WATER</i>	<i>TOT_REL</i>	<i>POTW</i>	<i>TOTAL</i>
TRICHLORFON	2	0	0	2	0	2,831
DIAZINON	2	0	0	2	0	3,152
PROPACHLOR	2	0	0	2	17	6,140
METHYL ACRYLATE	1	0	0	1	0	35
2-METHYLLACTONITRILE	0	0	0	0	0	0
ACRYLAMIDE	0	0	0	0	0	0
RESMETHRIN	0	0	0	0	0	0
2,4-DB	0	0	0	0	0	0
TETRAMETHRIN	0	0	0	0	0	0
4,4'-ISOPROPYLIDENEDIPHENOL	0	0	0	0	0	0
TRIFORINE	0	0	0	0	0	0
2,4-DICHLOROPHENOL	0	0	0	0	0	0
4,4'-METHYLENEBIS(2-CHLOROANILINE)	0	0	0	0	0	0
SODIUM DIMETHYLDITHIOCARBAMATE	0	0	0	0	250	18,000
CHLOROACETIC ACID	0	0	0	0	0	0
DAZOMET	0	0	0	0	0	0
D-TRANS-ALLETHRIN	0	0	0	0	0	0
DIBENZOFURAN	0	0	0	0	0	0
DIMETHYL SULFATE	0	0	0	0	0	0
DISODIUM CYANODITHIOIMIDOCARBONATE	0	0	0	0	0	0
DIURON	0	0	0	0	0	0
FAMPHUR	0	0	0	0	0	46,170
FLUAZIFOP BUTYL	0	0	0	0	0	0
ISOFENPHOS	0	0	0	0	0	0
CHLORPYRIFOS METHYL	0	0	0	0	0	0
CHLOROTHALONIL	0	0	0	0	0	1,469

<i>CHEMICAL NAME</i>	<i>On-site Releases</i>				<i>Off-site Transfers</i>	
	<i>AIR</i>	<i>LAND</i>	<i>WATER</i>	<i>TOT_REL</i>	<i>POTW</i>	<i>TOTAL</i>
CHLOROPICRIN	0	0	0	0	0	0
PHENOTHRIN	0	0	0	0	0	0
METHAM SODIUM	0	0	0	0	0	181
AMETRYN	0	0	0	0	0	0
MOLYBDENUM TRIOXIDE	0	0	0	0	0	0
MYCLOBUTANIL	0	0	0	0	0	0
CAPTAN	0	0	0	0	0	0
O-CRESOL	0	0	0	0	0	0
PERACETIC ACID	0	0	0	0	0	0
PERMETHRIN	0	0	0	0	0	0
BENZOYL PEROXIDE	0	0	0	0	421	400
PHOSPHORUS (YELLOW OR WHITE)	0	0	0	0	0	441
PIPERONYL BUTOXIDE	0	0	0	0	0	0
POTASSIUM DIMETHYLDITHIOCARBAMATE	0	0	0	0	0	33
POTASSIUM N-METHYLDITHIOCARBAMATE	0	0	0	0	0	0
ANTHRACENE	0	0	0	0	0	0
PROPICONAZOLE	0	0	0	0	0	0
MERPHOS	0	0	0	0	0	0

APPENDIX G

SOURCE REDUCTION CODES

APPENDIX G

SOURCE REDUCTION ACTIVITY CODES

Good Operating Practices

- W13 Improved maintenance scheduling, record keeping or procedures
- W14 Changed production schedule to minimize equipment and feedstock changeovers
- W19 Other changes in operating practices

Inventory Control

- W21 Instituted procedures to ensure that materials do not stay in inventory beyond shelf-life
- W22 Began to test outdated material – continue to use if still effective
- W23 eliminated shelf-life requirements for stable materials
- W24 Instituted better labeling procedures
- W25 Instituted clearinghouse to exchange materials that would otherwise be discarded
- W29 Other changes in inventory control

Spill and Leak Prevention

- W31 Improved storage or stacking procedures
- W32 Improved procedures for loading, unloading, and transfer operations
- W33 Installed overflow alarms or automatic shut-off valves
- W35 Installed vapor recovery systems
- W36 Implemented inspection or monitoring program of potential spill or leak sources
- W39 Other changes made in spill and leak prevention

Raw Material Modifications

- W42 Substituted raw materials
- W49 Other raw material modifications

Process Modifications

- W51 Instituted recirculation within a process
- W52 Modified equipment, layout or piping
- W53 Use of a different process catalyst
- W54 Instituted better controls on operating bulk containers to minimize discarding of empty containers
- W55 Changed from small volume containers to bulk containers to minimize discarding of empty containers
- W58 Other process modifications

Cleaning and Degreasing

- W59 Modified stripping/cleaning equipment
- W60 Changed to mechanical stripping/cleaning devices (from solvents or other materials)
- W61 Changed to aqueous cleaners (from solvents or other materials)
- W63 Modified containment procedures for cleaning units
- W64 Improved draining procedures
- W65 Redesigned parts racks to reduce drag out

Cleaning and Degreasing (Continued)

- W66 Modified or installed rinse systems
- W67 Improved rinse equipment design
- W68 Improved rinse equipment operation
- W71 Other cleaning and degreasing modifications

Surface Preparation and Finishing

- W72 Modified spray systems or equipment
- W73 Substituted coating materials used

- W74 Improved application techniques
- W75 Changed from spray to other system
- W78 Other surface preparation and finishing modifications

Product Modifications

- W81 Changed product specifications
- W82 Modified design or composition of products
- W83 Modified packaging
- W89 Other product modifications

